Proposal 91

5 AAC 99.025 Customary and Traditional Uses of Fish and Game Populations.

Require AD&FG to conduct surveys in selected GMUs on personal use and subsistence harvests of big game, freshwater and saltwater fish, and small game, and revise the ANS for moose and caribou in GMU 13.

Public proposal

Effect of Proposal:
- Require ADF&G conduct surveys of sport, personal use and subsistence harvests
- Recalculate moose and caribou ANS for Unit 13

Recommendation:
Neutral
Applies to Units 7, 11-16, 20

- BOG not authorized to require ADF&G harvest surveys
- ANS for Nelchina Caribou in Units 12-13 is 600-1,000
- ANS for moose in Unit 13 is 300-600

In March 2017 the board considered Proposal 1 to revise the ANS for moose in Unit 13 but took no action due to implementation of scoring criteria for the any bull allocation of the moose CSH
Proposal 91

Public Proposal

Effect of Proposal:

- Require ADF&G conduct surveys of sport, personal use and subsistence harvests
- Recalculate moose and caribou ANS for Unit 13

Recommendation:
Neutral
Proposal 92

5 AAC 85.025. Hunting Seasons and Bag Limits for Caribou.

5 AAC 85.045. Hunting Seasons and Bag Limits for Moose.

5 AAC 92.072 Community Subsistence Harvest Hunt Area and Permit Conditions. Eliminate the Copper Basin CSH for moose and caribou; increase GMU 13 any bull drawing permits

Anchorage Fish and Game Advisory Committee

Effect of Proposal:
- Board may not be providing the community pattern of use described in findings
- Reinstatate general season moose hunt
- Increase number of draw permits to 100
- Opportunity on mid-aged cohort re-allocated to general season; decrease in hunting pressure

Recommendation:
Neutral
Applies to Units 11, 12, 13

Proposer suggests state and federal hunts provide sufficient opportunity

The intended effect of this proposal was addressed by the board at the March 2017 meeting
Hunting / Unit 11

Wrangell Mountains-Chitina River

Unit 11
Southcentral Region
Wrangell
Mountains - Chitina River

Federal Lands, GMU 11
Federal Lands, GMU 13

Unit 13
Southcentral Region

Nelchina-Upper Susitna

Proposal 92 - 4
Proposal 92
Anchorage Fish and Game Advisory Committee

Effect of Proposal:
- Eliminate current CSH for moose and caribou; may not be providing for community pattern of use described in findings
- Reinstate general moose hunt
- Increase number of draw permits to 100

Recommendation:
Neutral
Proposal 93

5 AAC 85.025. Hunting Seasons and Bag Limits for Caribou

5 AAC 92.072 Community Harvest Hunt Area and Permit Conditions: Eliminate the Copper Basin CSH for caribou

Public Proposal

Effect of Proposal:

- Board may not provide for community pattern of use in findings
- Proxy regulations liberalized

Recommendation:

Neutral
Applies to Units 13

Proposer suggests that by doing away with CSH and Unit 13 proxy, more caribou would be available for Unit 13 hunters

The intended effect of this proposal was addressed by the board at the March 2017 meeting
Proposal 93

Public Proposal

Effect of Proposal:

- Eliminate current CSH for caribou; may not provide for community pattern of use described in board findings

Recommendation:
Neutral
Proposals 94, 95

- 5 AAC 92.072 Community Harvest Hunt Area and Permit Conditions: Eliminate current CSH for caribou (Prop 94); Eliminate current CSH for moose (Prop 95)

Public Proposal (Same Proposer)

Effect of Proposal:
- May not be providing for the community patterns of use described in board findings
- Hunting pressure on mid-aged moose cohort may be reduced

Recommendation:
Neutral
**Background: Proposal 94, 95**

- Applies to Unit 13
- Proposer suggests Tier I opportunities provide sufficient opportunity for subsistence harvests
- The intended effect of these proposals was addressed by the board at the March 2017 meeting
Proposal 94, 95

Public Proposal

Effect of Proposal:

- Eliminate current CSH for caribou (Prop 94) and moose (Prop 95)

Recommendation:
Neutral
Eliminate the community subsistence harvest hunt for moose in the Copper Basin Area and Replace with registration hunt

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin:
Denali: 0-6-0
Paxson: 0-5-0
Tok Cutoff:
Current Moose Hunt Structure

Residents

August 20–September 20
- **CSH (CM300):** 1 bull per person; up to 350 any-bull locking tags issued; up to 100 any bulls may be harvested by hunt participants; remaining bulls must be spike/fork, 50-inches, or 4 or more brow tines on at least one side.

September 1–September 20
- **Harvest Ticket:** 1 bull with spike/fork, 50-inches, or 4 or more brow tines on at least one side
- **DM324:** 1 bull by permit; up to 5 permits annually

October 1–31 & March 1–31
- **DM325:** 1 antlerless moose by permit; up to 200 permits
Current Moose Hunt Structure (continued)

Residents (cont’d)

December 1–December 31

- CM301 & RM319: 1 bull (not implemented since 2014)

August 1–September 20

- Federal permits: 1 bull per household in 13E or 1 bull per person in the remainder of Unit 13; by permit on federal lands for residents of Units 12, 13, 20A, 20D.
Proposed Moose Hunt Structure

Residents

August 15–31

- **Registration Hunt**: 1 bull per household with antlers < 50” and at least two brow tines on both sides. No member of the household may hunt moose outside of Unit 13 during the regulatory year. Must register during the Nov.-Dec. application period.

September 1–September 20

- **Harvest Ticket**: 1 bull with spike/fork, 50-inches, or 4 or more brow tines
- **DM324**: 1 bull by permit; up to 5 permits annually

October 1–October 31 & March 1–March 31

- **DM325**: 1 antlerless moose by permit; up to 200 permits

December 1–December 31

- **CM301 & RM319**: 1 bull (not implemented since 2014)
### CSH Moose Participation & Harvest, RY2009, 2011–2017

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Number of Groups</th>
<th>Number of Communities Participating</th>
<th>Number of Households</th>
<th>Number of Individual Participants</th>
<th>Total Number of Moose Harvested</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>1</td>
<td>19</td>
<td>246</td>
<td>378</td>
<td>100 (68 any bulls)</td>
</tr>
<tr>
<td>2011</td>
<td>9</td>
<td>31</td>
<td>416</td>
<td>814</td>
<td>86 (59 any bulls)</td>
</tr>
<tr>
<td>2012</td>
<td>19</td>
<td>29</td>
<td>460</td>
<td>969</td>
<td>98 (73 any bulls)</td>
</tr>
<tr>
<td>2013</td>
<td>45</td>
<td>41</td>
<td>955</td>
<td>2,066</td>
<td>156 (81 any bull)</td>
</tr>
<tr>
<td>2014</td>
<td>43</td>
<td>41</td>
<td>893</td>
<td>1,771</td>
<td>150 (77 any bull)</td>
</tr>
<tr>
<td>2015</td>
<td>43</td>
<td>43</td>
<td>1,039</td>
<td>1,984</td>
<td>171 (92 any bull)</td>
</tr>
<tr>
<td>2016</td>
<td>73</td>
<td>48</td>
<td>1,527</td>
<td>3,400</td>
<td>201 (114 any bull)</td>
</tr>
<tr>
<td>2017</td>
<td>83</td>
<td>53</td>
<td>1,639</td>
<td>3,784</td>
<td>188 (102 any bull)</td>
</tr>
<tr>
<td>2018</td>
<td>65</td>
<td>--</td>
<td>1,161</td>
<td>--</td>
<td>--</td>
</tr>
</tbody>
</table>
## Population Objectives & Current Estimates

<table>
<thead>
<tr>
<th>Subunit</th>
<th>Population</th>
<th>Harvest</th>
<th>Bull-to-cow</th>
</tr>
</thead>
<tbody>
<tr>
<td>13A</td>
<td>3,500-4,200</td>
<td>210-420</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>4,320</td>
<td>309</td>
<td>24 : 100</td>
</tr>
<tr>
<td>13B</td>
<td>5,300-6,300</td>
<td>310-620</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>4,970</td>
<td>253</td>
<td>36 : 100</td>
</tr>
<tr>
<td>13C</td>
<td>2,000-3,000</td>
<td>155-350</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>3,830</td>
<td>112</td>
<td>34 : 100</td>
</tr>
<tr>
<td>13D*</td>
<td>1,200-1,900</td>
<td>75-190</td>
<td>No obj.</td>
</tr>
<tr>
<td>2016</td>
<td>1,400</td>
<td>75</td>
<td>72 : 100</td>
</tr>
<tr>
<td>13E</td>
<td>5,000-6,000</td>
<td>300-600</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>6,030</td>
<td>227</td>
<td>35 : 100</td>
</tr>
</tbody>
</table>

*13D is outside of wolf predation control area
### Unit 13 Moose Harvest by Hunt, RY 2009, 2011–2017

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>CM300 Harvest</th>
<th>GM000 Harvest</th>
<th>FM1301 Harvest</th>
<th>Draw Permit Harvest</th>
<th>Total Harvest</th>
</tr>
</thead>
<tbody>
<tr>
<td>2009</td>
<td>100</td>
<td>631</td>
<td>61</td>
<td>76</td>
<td>866</td>
</tr>
<tr>
<td>2011</td>
<td>86</td>
<td>724</td>
<td>80</td>
<td>65</td>
<td>952</td>
</tr>
<tr>
<td>2012</td>
<td>98</td>
<td>518</td>
<td>59</td>
<td>46</td>
<td>720</td>
</tr>
<tr>
<td>2013</td>
<td>156</td>
<td>450</td>
<td>50</td>
<td>67</td>
<td>723</td>
</tr>
<tr>
<td>2014</td>
<td>150</td>
<td>675</td>
<td>86</td>
<td>27</td>
<td>937</td>
</tr>
<tr>
<td>2015</td>
<td>171</td>
<td>765</td>
<td>85</td>
<td>30</td>
<td>1,050</td>
</tr>
<tr>
<td>2016</td>
<td>201</td>
<td>747</td>
<td>99</td>
<td>31</td>
<td>1,075</td>
</tr>
<tr>
<td>2017</td>
<td>188</td>
<td>642</td>
<td>90</td>
<td>33</td>
<td>953</td>
</tr>
</tbody>
</table>
### 2017 Moose Harvest by Hunt

<table>
<thead>
<tr>
<th>Hunts</th>
<th>Reports</th>
<th>Harvest</th>
<th>Success</th>
</tr>
</thead>
<tbody>
<tr>
<td>General Season</td>
<td>3,215</td>
<td>642</td>
<td>20%</td>
</tr>
<tr>
<td>Draw</td>
<td>79</td>
<td>33</td>
<td>42%</td>
</tr>
<tr>
<td>CSH</td>
<td>862</td>
<td>188</td>
<td>22%</td>
</tr>
<tr>
<td>Federal</td>
<td>679</td>
<td>90</td>
<td>13%</td>
</tr>
</tbody>
</table>

**2017 Preliminary Harvest:** 953

**Amount Necessary For Subsistence:** 300-600
Unit 13 Proxy Regulations

5 AAC 92.011.

(d) A person may not proxy

(1) for more than one beneficiary at a time;
(2) more than once per season per species in Unit 13;
(3) for Tier II Caribou in Unit 13, unless the proxy is a Tier II permittee;
## CSH Moose Participation & Harvest, RY2009, 2011–2017

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Number of Groups</th>
<th>Number of Individual Participants</th>
<th>Total Number of Moose Harvested</th>
<th>Moose Harvested by Designated Hunters</th>
</tr>
</thead>
<tbody>
<tr>
<td>2013</td>
<td>45</td>
<td>2,066</td>
<td>156 (81 any bull)</td>
<td>47 (30%)</td>
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<td>83</td>
<td>3,784</td>
<td>188 (102 any bull)</td>
<td>53 (28%)</td>
</tr>
</tbody>
</table>
Considerations

- Expect high participation
- August period Tier I Caribou hunters would likely participate
- Harvest may not be sustainable
- Concerned over the ability to manage hunt
Eliminate the community subsistence harvest hunt for moose in the Copper Basin Area and Replace with registration hunt

Department Recommendation: NEUTRAL

Public Proposal

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Copper Basin: 0-0-0
Denali: 0-5-0
Paxson: 0-5-0
Tok Cutoff: 0-0-0
Proposal 97

5 AAC 92.072 Community Subsistence Harvest Hunt Area and Permit Conditions: Remove requirement that CSH participants demonstrate customary and traditional use pattern in line with Ahtna pattern

Public Proposal

Effect of Proposal:

- No effect because there is no current requirement
- Broadly applied: sever the CSH permits and reporting system from board findings describing community pattern of use
- Modifies regulations requiring board to consider community-based harvest and sharing practices when considering proposals to establish a CSH

Recommendation:
Neutral
Applies to Unit 13

Proposer suggests current regulations and Board Finding #206-170-BOG contain racial bias

BOG has no authority to require applicants to have already established the pattern of use described in the board finding
Proposal 97

Public Proposal

Effect of Proposal:

- Remove requirement that CSH participants demonstrate customary and traditional use pattern in line with Ahtna pattern

Recommendation:
Neutral
Proposal 59

5 AAC 99.070 Tier II subsistence hunting permit point system and 5 AAC 92.072 Community subsistence harvest hunt area and permit conditions: Consider all C&T uses as eligibility criteria for Tier II and CSH

Public proposal

Effect of Proposal:

- No change to Tier II application due to no authority (food only)
- CSH application would include handicrafts; however, no change to eligibility

Recommendation:
Neutral on eligibility; not consistent with law or court cases: take no action.
Each Tier II applicant measured on two criteria

1. Customary and direct dependence on a Tier II population for human consumption as mainstay of livelihood

2. Ability to obtain food if subsistence use is restricted or eliminated

- State law AS 16.05.258(b)(4) does not mention handicraft uses
Current CSH Regulation

- 5 AAC 92.072
  - Community or group size of 25 or more
  - Alaska residents
  - No state HT/permit for other species where bag limit is same or fewer
  - One CSH per species per year
  - If CSH has Tier II, must have Tier II permit
  - 2 year commitment
Tier II addressed on multiple occasions, court challenges

Four community hunts
- Units 25B & 25D moose
- Unit 25D black bears
- Units 11 & 13 moose
- Unit 13 caribou

CSH established to accommodate traditional subsistence hunting practices and create group bag limits, rather than individual bag limits
Proposal 59

Public proposal

Effect of Proposal:

- Consider all C&T uses as eligibility criteria for Tier II and CSH
  - No change to Tier II application due to no authority
  - CSH application would include handicrafts; however, no change to eligibility

Recommendation:
Neutral on eligibility; not consistent with law or court cases: take no action
Proposal 98 (56)

5 AAC 92.072 Community subsistence harvest hunt area and permit conditions. Modify the CSH permit conditions

Public proposal

Effect of Proposal:

• Several Requests and Effects Detailed on Next Slide

Recommendation:
Neutral on eligibility requirements for community subsistence hunts
Prop 98. Requests & effects

1. Delete “group” throughout; specify there are community administrators (SW)
   - “Group” mirrors AS 16.05.330(c)

2. Delete “resident of community” throughout (SW)
   - Participants not required to reside in the community

3. Require department to determine if applicant conforms to definition of “community” prior to issuance of permit (CB)

4. Delete a reference to meat sharing (SW)
5. Waive annual report requirement for communities that demonstrate C&T pattern (SW)

6. Adopt criteria & scoring; allow department to deny CSH permit for 2 years if community fails to demonstrate C&T pattern (CB)
   - Minimum score would be developed

7. Provide appeals processes (SW)

8. Allow administrators to require community members observe C&T pattern (SW)

9. Amend definition of community (SW)
March 2017 Board meeting: effective 2018/19 regulatory year

- Retained Copper Basin CSH for moose and caribou
- Distribute any-bulls based on scoring criteria; up to 350 permits
- Moose season change Aug. 20-Sept. 20
- Caribou bag limit increased to 2; cap increased to 400
Proposal 98 (56)

Public proposal

Effects of Proposal:
Several requests

Recommendation:
Neutral on eligibility requirements for the Copper Basin community subsistence hunts
Proposal 57

5 AAC 92.072 Community subsistence harvest hunt area and permit conditions: change definition of community or group for CSH

Alaska Board of Game

Effect of Proposal:

- Describe in a different way the Board’s expectation of community patterns in Alaska’s subsistence activities

Recommendation:

Neutral
A “community” or “group” is a group of people linked by a common interest in, and participation in uses of, an area and the wildlife populations in that area, that is consistent with the customary and traditional use pattern of that wildlife population and area as defined by the board.
Adopted March 2015 in response to public comments

- Effectiveness of community subsistence hunt program
- Resource conservation
- More accurately reflect intent & distinction of community Tier I patterns of use from individual Tier I pattern of use
Examples of definitions

- “Physical place” not recommended
  - Residency cannot be used to limit eligibility

- American Heritage Dictionary
  - Same locality under same govt.
  - Group having common interests
  - Group constituting a distinct segment

- Webster’s New Collegiate Dictionary
  - Unified body of individuals
  - Emphasis on historical foundation; not ad hoc
More examples

- Wikipedia
  - Social unit w/something in common: norms, religion, values, identity
  - Durable relations extending beyond genealogical ties; important to identity and roles
  - Historical or generational foundation
Proposal 57
Alaska Board of Game

Effect of Proposal:
- Describe in a different way the Board’s expectation of community patterns in Alaska’s subsistence activities

Recommendation:
Neutral
Remove the requirement that Tier I caribou and CSH moose and caribou hunters must hunt moose in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

*Copper Basin: 0-9-0*
*Denali: 0-6-0*
*Paxson: 0-5-0*
*Tok Cutoff :0-5-0*
Proposed Caribou Hunt Structure
Residents only

August 10–September 20 & October 21–March 31
- **CSH (CC001):** up to 2 caribou per household; unlimited participation; extensive hunt requirements; up to 400 caribou may be taken; must hunt moose in Unit 13.

August 10–August 30 or September 1–September 30 & October 21–March 31
- **Tier I Registration (RC566):** Up to 2 caribou per household; unlimited participation; extensive hunt requirements; must hunt moose in Unit 13.

August 20–September 20 & October 21–March 31
- **Draw (DC485):** up to 5,000 permits

August 1–September 30 & October 21–March 31
- **Federal permits:** 2 caribou per person on federal lands for residents of Units 11, 12, 13, 20A, 20D.
Proposed Moose Hunt Structure

**Residents**

*August 20–September 20*

- **CSH (CM300):** 1 bull per person; up to 350 any-bull locking tags issued; up to 100 any bulls may be harvested by hunt participants; remaining bulls must be spike/fork, 50-inches, or 4 or more brow tines on at least one side; must hunt moose in the CSH hunt area.

*September 1–September 20*

- **Harvest Ticket:** 1 bull with spike/fork, 50-inches, or 4 or more brow tines on at least one side.
- **DM324:** 1 bull by permit; up to 5 permits annually

*October 1–31 & March 1–31*

- **DM325:** 1 antlerless moose by permit; up to 200 permits.

*December 1–December 31*

- **CM301 & RM319:** 1 bull (not implemented since 2014).
### Demand for RY2016 Nelchina Caribou Permits

<table>
<thead>
<tr>
<th>Hunt</th>
<th>Eligible Permit Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier I (RC566) – 1 per household</td>
<td>8,470</td>
</tr>
<tr>
<td>CSH (CC001) – 1 per household</td>
<td>1,006</td>
</tr>
<tr>
<td>Draw (DC485) – 1 per person; up to 5,000</td>
<td>12,793</td>
</tr>
<tr>
<td><strong>Total Applications:</strong></td>
<td><strong>22,269</strong></td>
</tr>
</tbody>
</table>
## Demand for RY2017 Nelchina Caribou Permits

<table>
<thead>
<tr>
<th>Hunt</th>
<th>Eligible Permit Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier I (RC566) – 1 per household</td>
<td>8,444</td>
</tr>
<tr>
<td>CSH (CC001) – 1 per household</td>
<td>1,004</td>
</tr>
<tr>
<td>Draw (DC485) – 1 per person; up to 5,000</td>
<td>13,570</td>
</tr>
<tr>
<td><strong>Total Applications:</strong></td>
<td><strong>23,018</strong></td>
</tr>
</tbody>
</table>
Considerations

- Expect high participation
- Decoupling would result in an increase in caribou and likely moose hunters
- When population is within objectives the quota would likely be met quickly
Remove the requirement that Tier I caribou and CSH moose and caribou hunters must hunt moose in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-9-0
Denali: 0-6-0
Paxson: 0-5-0
Tok Cutoff :0-5-0
Remove the requirement that Tier I caribou hunters must hunt moose in Unit 13

Department Recommendation: NEUTRAL

Copper Basin AC

Copper Basin:
Denali:
Paxson: 0-5-0
Tok Cutoff:
Proposal  58

5 AAC 92.072 Community subsistence harvest hunt area and permit conditions, and 92.220 Salvage of game meat, furs, and hides: Modify salvage requirements for moose and caribou taken under community subsistence harvest hunts

Denali Fish and Game Advisory Committee

Effect of Proposal :
- Hunters would be required by regulation to keep moose and caribou meat naturally attached to bone in Chalkytsik moose and Copper Basin moose and caribou CSH

Recommendation :
Neutral on location of salvage requirements
Current Regulations

- Not currently in CSH regulation
- Discretionary permit condition via referral to 5 AAC 92.052
- Chalkytsik moose discretionary permit condition
  - Moose taken before Oct. 1 - meat of front quarters, hind quarters, ribs must remain naturally attached to bone
- Copper Basin caribou and moose discretionary permit conditions
  - Caribou taken before Oct. 1 and moose taken in the fall season:
    - Meat of front quarters, hind quarters, ribs must remain naturally attached to bone
Proposal 58
Denali Fish and Game Advisory Committee

Effect of Proposal:
- Modify salvage requirements for moose and caribou taken under community subsistence harvest hunts
  - Moose and caribou meat naturally attached to bone in Chalkytsik moose and Copper Basin moose and caribou CSH

Recommendation:
Neutral
Establish a caribou hunt for youth in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin 0-9-0
Denali 6-0-0
Paxson
Tok Cutoff 0-5-0
Proposed Caribou Hunt Structure

Residents only

August 1–5
- **Youth Hunt**

August 10–September 20 & October 21–March 31
- **CSH (CC001):** up to 2 caribou per household; unlimited participation; extensive hunt requirements; up to 400 caribou may be taken

August 10–August 30 or September 1–September 30 and October 21–March 31
- **Tier I Registration (RC566):** Up to 2 caribou per household; unlimited participation; extensive hunt requirements; must hunt moose in Unit 13

August 20–September 20 & October 21–March 31
- **Draw (DC485):** up to 5,000 permits

August 1–September 30 & October 21–March 31
- **Federal permits:** 2 caribou per person on federal lands for residents of Units 11, 12, 13, 20A, 20D
Considerations

- How would youth hunt impact individual and household bag limits?

- Would the hunt be a new Unit 13 drawing hunt?

- Would current youth hunting regulations apply?
  - Age 10-17 with hunter education.
  - Youth accompanied in the field by licensed Alaska resident 21 years old or older.
  - Bag limit counts against youth and accompanying adult.
Establish a caribou hunt for youth in Unit 13

Department Recommendation: **NEUTRAL**

Public Proposal

---

Copper Basin 0-9-0  
Denali 6-0-0  
Paxson  
Tok Cutoff 0-5-0
Establish a nonresident caribou drawing hunt in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-9-0
Denali: 7-0-0
Paxson: 
Tok Cutoff: 5-0-0
Current Caribou Hunt Structure
Residents only

August 10–September 20 & October 21–March 31
- **CSH (CC001)**: up to 2 caribou per household; unlimited participation; extensive hunt requirements; up to 400 caribou may be taken.

August 10–August 30 or September 1–September 20 & October 21–March 31
- **Tier I Registration (RC566)**: Up to 2 caribou per household; unlimited participation; must hunt moose in Unit 13.

August 20–September 20 & October 21–March 31
- **Draw (DC485)**: up to 5,000 permits

August 1–September 30 & October 21–March 31
- **Federal permits**: 2 caribou per person on federal lands for residents of Units 11, 12, 13, 20A, 20D.
Proposed Caribou Hunt Structure

Nonresident

August 20–September 20 & October 21–March 31

- **Draw:** One caribou every regulatory year; up to ten percent of drawing permits may be issued to nonresident hunters when the herd is within or above the population objective (35,000–40,000).
### Demand for RY2017 Nelchina Caribou Permits

<table>
<thead>
<tr>
<th>Hunt</th>
<th>Eligible Permit Applications</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tier I (RC566) – 1 per household</td>
<td>8,444</td>
</tr>
<tr>
<td>CSH (CC001) – 1 per household</td>
<td>1,004</td>
</tr>
<tr>
<td>Draw (DC485) – 1 per person; up to 5,000</td>
<td>13,570</td>
</tr>
<tr>
<td><strong>Total Applications:</strong></td>
<td><strong>23,018</strong></td>
</tr>
</tbody>
</table>
Establish a nonresident caribou drawing hunt in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-9-0
Denali: 7-0-0
Paxson:
Tok Cutoff: 5-0-0
Align the CSH moose season with the general moose season

Department Recommendation: NEUTRAL

Anchorage AC Proposal

Copper Basin:
Denali:
Paxson: 0-5-0
Tok Cutoff:
2017 CSH Moose Harvest Chronology
Antler-Legal Moose Harvested by CSH Hunters (Before & After September 1)

- **1-Sept to 20-Sept**
- **Prior to 1-Sept**

<table>
<thead>
<tr>
<th>Year</th>
<th>1-Sept to 20-Sept</th>
<th>Prior to 1-Sept</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>2012</td>
<td>12</td>
<td>12</td>
</tr>
<tr>
<td>2013</td>
<td>19</td>
<td>56</td>
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<tr>
<td>2014</td>
<td>26</td>
<td>47</td>
</tr>
<tr>
<td>2015</td>
<td>26</td>
<td>51</td>
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<td>2016</td>
<td>28</td>
<td>58</td>
</tr>
<tr>
<td>2017</td>
<td>27</td>
<td>54</td>
</tr>
</tbody>
</table>
Align the CSH moose season with the general moose season

Department Recommendation: NEUTRAL

Anchorage AC Proposal
Reauthorize the antlerless moose season

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 9-0-0
Denali: 5-2-0
Paxson: 0-2-3
Tok Cutoff: 0-5-0
Proposal 104

13 Moose

[Map showing a region marked as DM325 with Tok and Cordova labeled]
Unit 13A antlerless hunt (DM325) hunt statistics, regulatory years 2003–2016.

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Total Permits</th>
<th>Total Applicants</th>
<th>Hunted</th>
<th>Harvest</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>10</td>
<td>1268</td>
<td>10</td>
<td>4</td>
</tr>
<tr>
<td>2013</td>
<td>10</td>
<td>2452</td>
<td>8</td>
<td>2</td>
</tr>
<tr>
<td>2014&lt;sup&gt;1&lt;/sup&gt;</td>
<td>10</td>
<td>2228</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>2015</td>
<td>10</td>
<td>2800</td>
<td>9</td>
<td>7</td>
</tr>
<tr>
<td>2016</td>
<td>10</td>
<td>3590</td>
<td>8</td>
<td>5</td>
</tr>
<tr>
<td>2017&lt;sup&gt;2&lt;/sup&gt;</td>
<td>10</td>
<td>3369</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<sup>1</sup> Total harvest includes 3 bulls
<sup>2</sup> Hunt is ongoing (season Oct. 1-Oct. 31 and Mar. 1-Mar. 31)
### 13 Moose

#### Population Objectives & Current Estimates

<table>
<thead>
<tr>
<th>Subunit</th>
<th>Population</th>
<th>Harvest</th>
<th>Bull-to-cow</th>
</tr>
</thead>
<tbody>
<tr>
<td>13A</td>
<td>3,500-4,200</td>
<td>210-420</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>4,320</td>
<td>309</td>
<td>24 : 100</td>
</tr>
<tr>
<td>13B</td>
<td>5,300-6,300</td>
<td>310-620</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>4,970</td>
<td>253</td>
<td>36 : 100</td>
</tr>
<tr>
<td>13C</td>
<td>2,000-3,000</td>
<td>155-350</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>3,830</td>
<td>112</td>
<td>34 : 100</td>
</tr>
<tr>
<td>13D*</td>
<td>1,200-1,900</td>
<td>75-190</td>
<td>No obj.</td>
</tr>
<tr>
<td>2016</td>
<td>1,400</td>
<td>75</td>
<td>72 : 100</td>
</tr>
<tr>
<td>13E</td>
<td>5,000-6,000</td>
<td>300-600</td>
<td>25 : 100</td>
</tr>
<tr>
<td>2016</td>
<td>6,030</td>
<td>227</td>
<td>35 : 100</td>
</tr>
</tbody>
</table>

*13D is outside of wolf predation control area*
Reauthorize the antlerless moose season

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 9-0-0
Denali: 5-2-0
Paxson: 0-2-3
Tok Cutoff: 0-5-0
Eliminate the Unit 13 antlerless moose hunt (DM325)

Department Recommendation: **OPPOSED**

Public Proposal

---

Copper Basin:
Denali:
Paxson:
Tok Cutoff: 5-0-0
Proposed Moose Hunt Structure

Residents

August 20–September 20
- **CSH (CM300):** 1 bull per person; up to 350 any-bull locking tags issued; up to 100 any bulls may be harvested by hunt participants; remaining bulls must be spike/fork, 50-inches, or 4 or more brow tines on at least one side; must hunt moose in the CSH hunt area.

September 1–September 20
- **Harvest Ticket:** 1 bull with spike/fork, 50-inches, or 4 or more brow tines on at least one side.
- **DM324:** 1 bull by permit; up to 5 permits annually

October 1–31 & March 1–31
- **DM325:** 1 antlerless moose by permit; up to 200 permits

December 1–December 31
- **CM301 & RM319:** 1 bull (not implemented since 2014).
Eliminate the Unit 13 antlerless moose hunt (DM325)

Department Recommendation: OPPOSED

Public Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff: 5-0-0
Eliminate the DM324 bull moose hunt

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-9-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
**Proposed Moose Hunt Structure**

**Residents**

**August 20–September 20**
- **CSH (CM300):** 1 bull per person; up to 350 any-bull locking tags issued; up to 100 any bulls may be harvested by hunt participants; remaining bulls must be spike/fork, 50-inches, or 4 or more brow tines on at least one side; must hunt moose in the CSH hunt area.

**September 1–September 20**
- **Harvest Ticket:** 1 bull with spike/fork, 50-inches, or 4 or more brow tines on at least one side.
- **DM324:** 1 bull by permit; up to 5 permits annually

**October 1–31 & March 1–31**
- **DM325:** 1 antlerless moose by permit; up to 200 permits.

**December 1–December 31**
- **CM301 & RM319:** 1 bull (not implemented since 2014).
<table>
<thead>
<tr>
<th></th>
<th>Unit 13A</th>
<th>Unit 13B</th>
<th>Unit 13C</th>
<th>Unit 13D</th>
<th>Unit 13E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population</strong></td>
<td>3,500–4,200</td>
<td>5,300–6,300</td>
<td>2,000–3,000</td>
<td>1,200–1,900</td>
<td>5,000–6,000</td>
</tr>
<tr>
<td><strong>Objective</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>2016</strong></td>
<td>4,320</td>
<td>4,970</td>
<td>3,830</td>
<td>1,400</td>
<td>6,030</td>
</tr>
<tr>
<td><strong>Population</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Estimate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bull:Cow</strong></td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
</tr>
<tr>
<td><strong>Objective</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Bull:Cow</strong></td>
<td>24</td>
<td>36</td>
<td>34</td>
<td>72</td>
<td>35</td>
</tr>
<tr>
<td><strong>Estimate</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Eliminate the DM324 bull moose hunt

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-9-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Establish a late resident season for moose in Units 11 and 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-8-1
Denali: 0-7-0
Paxson: 0-5-0
Tok Cutoff: 0-5-0
Proposed Change to Moose Hunt Structure

Residents

November 15–November 30

- **Registration hunt**: one bull per permit; one registration permit per hunter; permits issued in Unit 13 communities starting November 13th.
  - First come first serve registration:
    - Unit 11 up to 10 permits
    - Unit 13A West; up to 10 permits
    - Unit 13A East; up to 20 permits
    - Unit 13B; up to 20 permits
    - Unit 13C; up to 50 permits
    - Unit 13D; up to 50 permits
    - Unit 13E; up to 50 permits
  - Permits will only be issued if bull/cow ratios exceed management objective by more than five bulls/100 cows for three consecutive years.
<table>
<thead>
<tr>
<th></th>
<th>Unit 13A</th>
<th>Unit 13B</th>
<th>Unit 13C</th>
<th>Unit 13D</th>
<th>Unit 13E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population Objective</strong></td>
<td>3,500–4,200</td>
<td>5,300–6,300</td>
<td>2,000–3,000</td>
<td>1,200–1,900</td>
<td>5,000–6,000</td>
</tr>
<tr>
<td><strong>2016 Population Estimate</strong></td>
<td>4,320</td>
<td>4,970</td>
<td>3,830</td>
<td>1,400</td>
<td>6,030</td>
</tr>
<tr>
<td><strong>Bull:Cow Objective</strong></td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
</tr>
<tr>
<td><strong>Bull:Cow Estimate</strong></td>
<td>24</td>
<td>36</td>
<td>34</td>
<td>72</td>
<td>35</td>
</tr>
</tbody>
</table>

Under proposed structure up to 180 permits would have been issued in 2017.
Establish a late resident season for moose in Units 11 and 13

Department Recommendation: **NEUTRAL**

Public Proposal

---

Copper Basin: 0-8-1  
Denali: 0-7-0  
Paxson: 0-5-0  
Tok Cutoff: 0-5-0
Change the antler restrictions for the general season moose hunt in Unit 13 to spike/fork, 50”, or 3 or more brow tines on at least one side

Department Recommendation:
- **OPPOSED** to increased harvest of mid-class bulls unitwide

Public Proposal

---

**Copper Basin:** 1-8-0  
**Denali:** 0-6-0  
**Paxson:** 0-5-0  
**Tok Cutoff:** 0-5-0
Proposed Change to Moose Hunt Structure

Residents
August 20–September 20
- **CSH (CM300):** 1 bull per person; 1 “any bull” per every 3 households; up to 100 any bulls may be harvested by hunt participants; remaining bulls must be spike/fork, 50-inches, or 4 or more brow tines on at least one side.

September 1–September 20
- **Harvest Ticket:** 1 bull with spike/fork, 50-inches, or 3 or more brow tines on at least one side.
- **DM324:** 1 bull by permit; up to 5 permits annually.

October 1–October 31 & March 1–March 31
- **DM325:** 1 antlerless moose by permit; up to 200 permits.

December 1–December 31
- **CM301 & RM31:** 1 bull (not implemented since 2014).
## Proposal 108

### 13 Moose

<table>
<thead>
<tr>
<th></th>
<th>Unit 13A</th>
<th>Unit 13B</th>
<th>Unit 13C</th>
<th>Unit 13D</th>
<th>Unit 13E</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Population Objective</strong></td>
<td>3,500–4,200</td>
<td>5,300–6,300</td>
<td>2,000–3,000</td>
<td>1,200–1,900</td>
<td>5,000–6,000</td>
</tr>
<tr>
<td><strong>2016 Population Estimate</strong></td>
<td>4,320</td>
<td>4,970</td>
<td>3,830</td>
<td>1,400</td>
<td>6,030</td>
</tr>
<tr>
<td><strong>Bull:Cow Objective</strong></td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
<td>25:100</td>
</tr>
<tr>
<td><strong>Bull:Cow Estimate</strong></td>
<td>24</td>
<td>36</td>
<td>34</td>
<td>72</td>
<td>35</td>
</tr>
</tbody>
</table>
Considerations

- The Unit 13 general season hunt included a three brow tine restriction from 1993 to 2000.
- The bull ratio averaged 19 bulls to 100 cows during this period, below the current objective of 25 bulls to 100 cows.
- If a three brow tine restriction were adopted, the general season would likely need to be shortened to avoid falling below bull ratio objectives.
Change the antler restrictions for the general season moose hunt in Unit 13 to spike/fork, 50”, or 3 or more brow tines on at least one side

Department Recommendation:
- **OPPOSED** to increased harvest of mid-class bulls unitwide

Public Proposal

Copper Basin: 1-8-0
Denali: 0-6-0
Paxson: 0-5-0
Tok Cutoff: 0-5-0
Change the bag limit from any ram to full-curl ram for Dall sheep drawing hunts in 13D and 14A

Department Recommendation: **NEUTRAL**

Public Proposal

---

Copper Basin: 2-7-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
The board adopted the current regulations in 2007 following a decline in sheep numbers and continued high hunting pressure.

Changes included the establishment of a drawing hunt structure in the Chugach Mountain areas, liberalization of bag limits in some areas to include any-ram hunts, and the allocation of harvest opportunity between residents and nonresidents.

Reduced the number of hunters in the field by 68% in Unit 14A and 76% in 13D.
## Unit 14A Dall sheep hunts and harvest, regulatory years 2003–2016.

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Total Permits</th>
<th>Total Hunters</th>
<th>Total Harvest</th>
<th>% Success</th>
<th>Average Length Longest Horn</th>
<th>Average Age</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre-Draw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>-</td>
<td>103</td>
<td>22</td>
<td>21%</td>
<td>35.9</td>
<td>8.9</td>
</tr>
<tr>
<td>2004</td>
<td>-</td>
<td>113</td>
<td>32</td>
<td>28%</td>
<td>36.1</td>
<td>8.5</td>
</tr>
<tr>
<td>2005</td>
<td>-</td>
<td>104</td>
<td>29</td>
<td>28%</td>
<td>36.5</td>
<td>8.4</td>
</tr>
<tr>
<td>2006</td>
<td>-</td>
<td>125</td>
<td>24</td>
<td>19%</td>
<td>36.1</td>
<td>8.5</td>
</tr>
<tr>
<td>2007</td>
<td>-</td>
<td>104</td>
<td>22</td>
<td>21%</td>
<td>35.4</td>
<td>8.6</td>
</tr>
<tr>
<td>Post-Draw</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>40</td>
<td>17</td>
<td>8</td>
<td>47%</td>
<td>32.8</td>
<td>6.7</td>
</tr>
<tr>
<td>2009</td>
<td>40</td>
<td>25</td>
<td>9</td>
<td>36%</td>
<td>28.0</td>
<td>5.9</td>
</tr>
<tr>
<td>2010</td>
<td>40</td>
<td>25</td>
<td>6</td>
<td>24%</td>
<td>29.4</td>
<td>6.7</td>
</tr>
<tr>
<td>2011</td>
<td>50</td>
<td>42</td>
<td>14</td>
<td>33%</td>
<td>35.0</td>
<td>7.4</td>
</tr>
<tr>
<td>2012</td>
<td>50</td>
<td>43</td>
<td>13</td>
<td>30%</td>
<td>32.2</td>
<td>6.8</td>
</tr>
<tr>
<td>2013</td>
<td>75</td>
<td>39</td>
<td>18</td>
<td>46%</td>
<td>30.6</td>
<td>6.9</td>
</tr>
<tr>
<td>2014</td>
<td>75</td>
<td>49</td>
<td>17</td>
<td>35%</td>
<td>33.4</td>
<td>7.2</td>
</tr>
<tr>
<td>2015</td>
<td>75</td>
<td>52</td>
<td>22</td>
<td>42%</td>
<td>32.5</td>
<td>7.3</td>
</tr>
<tr>
<td>2016</td>
<td>75</td>
<td>53</td>
<td>15</td>
<td>28%</td>
<td>32.5</td>
<td>7.5</td>
</tr>
</tbody>
</table>
## Unit 13D Taz-West Dall sheep hunts and harvest, regulatory years 2002 –2016.

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Total Permits</th>
<th>Total Hunters</th>
<th>Total Harvest</th>
<th>% Success</th>
<th>Average Length Longest Horn</th>
<th>Average Age</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Pre-Draw</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2003</td>
<td>-</td>
<td>52</td>
<td>22</td>
<td>42%</td>
<td>37.1</td>
<td>8.7</td>
</tr>
<tr>
<td>2004</td>
<td>-</td>
<td>62</td>
<td>29</td>
<td>47%</td>
<td>36.6</td>
<td>8.4</td>
</tr>
<tr>
<td>2005</td>
<td>-</td>
<td>50</td>
<td>21</td>
<td>42%</td>
<td>37.2</td>
<td>9.0</td>
</tr>
<tr>
<td>2006</td>
<td>-</td>
<td>43</td>
<td>10</td>
<td>23%</td>
<td>35.5</td>
<td>8.8</td>
</tr>
<tr>
<td>2007</td>
<td>-</td>
<td>47</td>
<td>13</td>
<td>28%</td>
<td>35.2</td>
<td>9.3</td>
</tr>
<tr>
<td><strong>Post-Draw</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2008</td>
<td>10</td>
<td>6</td>
<td>3</td>
<td>50%</td>
<td>32.5</td>
<td>5.3</td>
</tr>
<tr>
<td>2009</td>
<td>10</td>
<td>6</td>
<td>3</td>
<td>50%</td>
<td>35.1</td>
<td>7.0</td>
</tr>
<tr>
<td>2010</td>
<td>10</td>
<td>6</td>
<td>3</td>
<td>50%</td>
<td>38.0</td>
<td>8.0</td>
</tr>
<tr>
<td>2011</td>
<td>10</td>
<td>8</td>
<td>3</td>
<td>38%</td>
<td>37.8</td>
<td>8.8</td>
</tr>
<tr>
<td>2012</td>
<td>12</td>
<td>11</td>
<td>8</td>
<td>73%</td>
<td>36.3</td>
<td>8.3</td>
</tr>
<tr>
<td>2013</td>
<td>16</td>
<td>13</td>
<td>6</td>
<td>46%</td>
<td>31.2</td>
<td>6.7</td>
</tr>
<tr>
<td>2014</td>
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<td>71%</td>
<td>37.3</td>
<td>10.2</td>
</tr>
<tr>
<td>2016</td>
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<td>7</td>
<td>4</td>
<td>57%</td>
<td>35.7</td>
<td>8.5</td>
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Unit 13D Taz East Dall sheep hunts and harvest, regulatory years 2002–2016.

<table>
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<tr>
<th>Regulatory Year</th>
<th>Total Permits</th>
<th>Total Hunters</th>
<th>Total Harvest</th>
<th>% Success</th>
<th>Average Length Longest Horn</th>
<th>Average Age</th>
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<td>Pre-Draw</td>
<td></td>
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<td>39</td>
<td>8.8</td>
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<td>8.9</td>
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<tr>
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<td>7.3</td>
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<td>40%</td>
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Proposal 109  13 & 14A Sheep

Change the bag limit from any ram to full-curl ram for Dall sheep drawing hunts in 13D and 14A

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 2-7-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Change the Unit 13 drawing goat hunt (RG580) to a registration hunt.

Department Recommendation: NEUTRAL

Copper Basin AC Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff: 5-0-0
Current Goat Hunt Structure

Residents only

September 1–November 30
- **Registration (RG580):** One goat by permit; 13D south of the Tiekel River and east of a line beginning at the confluence of the Tiekel and Tsina Rivers.

August 10–November 30
- **Draw (DG720):** One goat by permit; 13D remainder.
Proposed Goat Hunt Structure

Residents only

September 1–November 30
- **Registration (RG580)**: One goat by permit; 13D south of the Tiekel River and east of a line beginning at the confluence of the Tiekel and Tsina Rivers

August 10–November 30
- **Draw (DG720) Registration**: One goat by permit; 13D remainder; 35 permits issued
### Hunt Statistics for the Unit 13D Drawing Goat Permit (DG720)

<table>
<thead>
<tr>
<th>Regulatory Year</th>
<th>Applicants</th>
<th>Permits</th>
<th>Hunted</th>
<th>Harvest</th>
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<td>35</td>
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<td>2012</td>
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<td>2015</td>
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<td>2016</td>
<td>634</td>
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<tr>
<td>2017</td>
<td>588</td>
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<td>12</td>
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Change the Unit 13 drawing goat hunt (RG580) to a registration hunt.

Department Recommendation: NEUTRAL

Copper Basin AC Proposal

Copper Basin:
Denali:
Paxson:
Tok Cutoff: 5-0-0
Establish a fall baiting season for black and brown bears in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-8-0
Denali: 0-7-0
Paxson:
Tok Cutoff: 4-1-0
Proposed Unit 13 Black Bear Hunt Structure

No Closed Season

- **Harvest Ticket**: Three bears every regulatory year, nonresident hunters must possess a locking tag.
- Black bears may be taken over bait April 15–June 30 & August 20–October 15.

**Unit 13 Black Bear Objective**

- Provide the greatest sustained opportunity to participate in hunting black bears.
Proposed Unit 13 Brown Bear Hunt Structure

August 10–June 15

- **No resident tag required:** One bear every regulatory year, nonresident hunters must possess a locking tag, and be accompanied by a guide.
- Brown bears may be taken over bait April 15–June 30 & August 20–October 15.
- Fall baiting season for brown bears by registration permit only.

Unit 13 Brown Bear Objective

- To maintain a minimum unitwide population of 350 brown bears.

Estimated 2-4% annual population decline (Lambda = 0.958).
Unit 13 Black Bear Harvest

Year: 1976 to 2016

- Female
- Male
### GMU 13 BROWN BEAR HARVEST

<table>
<thead>
<tr>
<th>Years</th>
<th>Harvests</th>
<th>Females</th>
<th>Males</th>
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</thead>
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<tr>
<td>2016</td>
<td>840</td>
<td>420</td>
<td>420</td>
</tr>
</tbody>
</table>

### Harvest Dates
- September Season Opening: 8/10 Opening
- 6/15 Close
- 12mo season

### Seasonal Guidelines
- 1 Bear / 4 Years
- 1 Bear / Year
- 1 Bear / 4 Years
- 1 Bear / Year

### GMU 13 BROWN BEAR HARVEST
- Females
- Males
# Unit 13 Black Bear Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring</th>
<th>Total</th>
</tr>
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<td>2014</td>
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<td>2015</td>
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<td>135</td>
<td>171</td>
</tr>
<tr>
<td>2016</td>
<td>46</td>
<td>169</td>
<td>215</td>
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</tbody>
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## Unit 13 Brown Bear Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Fall</th>
<th>Spring¹</th>
<th>Total</th>
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</thead>
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<tr>
<td>2013</td>
<td>102</td>
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<td>158</td>
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<tr>
<td>2014</td>
<td>65</td>
<td>38 (13)</td>
<td>103</td>
</tr>
<tr>
<td>2015</td>
<td>63</td>
<td>90 (41)</td>
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</tr>
<tr>
<td>2016</td>
<td>74</td>
<td>68 (34)</td>
<td>142</td>
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</table>

¹ Number of brown bears taken over bait in parentheses.
Registered bear baiting stations in Unit 13 1997–2017

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Establish a fall baiting season for black and brown bears in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 0-8-0
Denali: 0-7-0
Paxson:
Tok Cutoff: 4-1-0
Extend the brown bear season in Unit 11

Department Recommendation: **NEUTRAL**

Copper Basin AC Proposal

Copper Basin: 8-0-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Proposed Unit 11 Brown Bear Hunt Structure

August 10–June 15

- **No resident tag required:** One bear every regulatory year, nonresident hunters must possess a locking tag, and be accompanied by a guide.
- Brown bears may be taken over bait April 15-June 15.

Unit 11 Brown Bear Objective

- Provide maximum hunting opportunity.
### Unit 11 Brown Bear Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
<th></th>
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<th></th>
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</tr>
</thead>
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<td>10%</td>
<td>10%</td>
<td>0%</td>
<td>5%</td>
<td>20</td>
</tr>
<tr>
<td>2013</td>
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<td>15</td>
</tr>
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<td>14%</td>
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<td>13%</td>
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Extend the brown bear season in Unit 11

Department Recommendation: **NEUTRAL**

Copper Basin AC Proposal

---

Copper Basin: 8-0-0  
Denali:  
Paxson:  
Tok Cutoff: 5-0-0
Lengthen the wolverine trapping season in Unit 13

Department Recommendation: **NEUTRAL**

Denali AC Proposal

Copper Basin:  
Denali:  
Paxson: 5-0-0  
Tok Cutoff: 
Proposed Unit 13 Trapping Structure

November 10 – January 31 – February 28

- No limit.

2015 Survey

A Sample-Unit Population Estimator (SUPE) survey was conducted in portions of Units 13A and 13E in 2015, finding a higher density of 9.48 wolverines/1,000 km2 (95 percent confidence interval 8.12–10.83 wolverines/1,000 km2).
## Unit 13 Wolverine Trapping Harvest, RY 2009–2016

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<th>13A</th>
<th>13B</th>
<th>13C</th>
<th>13D</th>
<th>13E</th>
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<td>12</td>
<td>5</td>
<td>23</td>
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<td>63</td>
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<td>12</td>
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<td>12</td>
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<td>41</td>
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<td>2012¹</td>
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<tr>
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<td>3</td>
<td>8</td>
<td>8</td>
<td>19</td>
<td>54</td>
</tr>
<tr>
<td>2015</td>
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<td>10</td>
<td>21</td>
<td>25</td>
<td>85</td>
</tr>
<tr>
<td>2016</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td>5</td>
<td>17</td>
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¹ Total harvest includes one unknown location.
## Unit 13 Wolverine Harvest, RY2012–2016

<table>
<thead>
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<th>Year</th>
<th>Males</th>
<th>Females</th>
<th>Unk.</th>
<th>Total</th>
<th>Trap/snare</th>
<th>%</th>
<th>Shot</th>
<th>% Shot</th>
<th>Unk.</th>
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<tbody>
<tr>
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<td>32</td>
<td>21</td>
<td>3</td>
<td>56</td>
<td>47</td>
<td>85%</td>
<td>8</td>
<td>15%</td>
<td>1</td>
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<tr>
<td>2013</td>
<td>32</td>
<td>21</td>
<td>6</td>
<td>59</td>
<td>52</td>
<td>90%</td>
<td>6</td>
<td>10%</td>
<td>1</td>
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<td>2014</td>
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</tbody>
</table>
## Unit 13 Wolverine Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
<th></th>
<th></th>
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<th></th>
<th></th>
<th></th>
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<tbody>
<tr>
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<td>2</td>
<td>18</td>
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<td>6</td>
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<td>2013</td>
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<td>47</td>
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</tbody>
</table>
Lengthen the wolverine trapping season in Unit 13

Department Recommendation: NEUTRAL

Denali AC Proposal

Copper Basin: 
Denali: 
Paxson: 5-0-0
Tok Cutoff:
Extend the wolverine trapping season in Unit 13

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: Denali:
Paxson: 5-0-0
Tok Cutoff:
Extend the wolverine trapping season in Units 11 and 13

Department Recommendation: **NEUTRAL**

Copper Basin AC

---

*Copper Basin: 8-0-0*
*Denali:*
*Paxson: 5-0-0*
*Tok Cutoff: 5-0-0*
Proposed Units 11 & 13 Trapping Structure

November 10 – January 31

- No limit.

February 28
### Unit 11 Wolverine Harvest, RY2012–2016

<table>
<thead>
<tr>
<th>Year</th>
<th>Males</th>
<th>Females</th>
<th>Unk.</th>
<th>Total</th>
<th>Trap/snare</th>
<th>%</th>
<th>Shot</th>
<th>% Shot</th>
<th>Unk.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>3</td>
<td>2</td>
<td>0</td>
<td>5</td>
<td>5</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
</tr>
<tr>
<td>2013</td>
<td>5</td>
<td>4</td>
<td>2</td>
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<td>11</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
<td>0</td>
</tr>
<tr>
<td>2014</td>
<td>2</td>
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<td>1</td>
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<tr>
<td>2015</td>
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<td>6</td>
<td>0</td>
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<td>16</td>
<td>100%</td>
<td>0</td>
<td>0%</td>
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<tr>
<td>2016</td>
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<td>9</td>
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## Unit 13 Wolverine Trapping Harvest, RY2009–2016

<table>
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<tr>
<th>Regulatory Year</th>
<th>13A</th>
<th>13B</th>
<th>13C</th>
<th>13D</th>
<th>13E</th>
<th>Total Harvest</th>
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<tbody>
<tr>
<td>2009</td>
<td>12</td>
<td>12</td>
<td>5</td>
<td>23</td>
<td>11</td>
<td>63</td>
</tr>
<tr>
<td>2010</td>
<td>4</td>
<td>11</td>
<td>0</td>
<td>10</td>
<td>12</td>
<td>37</td>
</tr>
<tr>
<td>2011</td>
<td>7</td>
<td>8</td>
<td>1</td>
<td>12</td>
<td>12</td>
<td>41</td>
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<tr>
<td>2012</td>
<td>15</td>
<td>12</td>
<td>1</td>
<td>11</td>
<td>16</td>
<td>56</td>
</tr>
<tr>
<td>2013</td>
<td>11</td>
<td>16</td>
<td>2</td>
<td>11</td>
<td>19</td>
<td>59</td>
</tr>
<tr>
<td>2014</td>
<td>16</td>
<td>3</td>
<td>8</td>
<td>8</td>
<td>19</td>
<td>54</td>
</tr>
<tr>
<td>2015</td>
<td>8</td>
<td>21</td>
<td>10</td>
<td>21</td>
<td>25</td>
<td>85</td>
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<td>2016</td>
<td>15</td>
<td>8</td>
<td>2</td>
<td>5</td>
<td>17</td>
<td>47</td>
</tr>
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</table>

1 Total harvest includes one unknown location.
# Unit 11 Wolverine Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
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</table>
## Unit 13 Wolverine Harvest Chronology, RY 2012–2016

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>2012</td>
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<td>0</td>
<td>4</td>
<td>28</td>
<td>52</td>
<td>0</td>
<td>0</td>
<td>85</td>
</tr>
<tr>
<td>2016</td>
<td>0</td>
<td>0</td>
<td>2</td>
<td>9</td>
<td>35</td>
<td>0</td>
<td>1</td>
<td>47</td>
</tr>
</tbody>
</table>
Extend the wolverine trapping season in Units 11 and 13

Department Recommendation: **NEUTRAL**

Copper Basin AC

Copper Basin: 8-0-0
Denali:  
Paxson: 5-0-0  
Tok Cutoff: 5-0-0
Allow incidental take of two furbearers by trappers in Units 11 and 13

Department Recommendation: NEUTRAL

Copper Basin AC Proposal

- Copper Basin: 8-0-0
- Denali: 7-0-0
- Paxson: 5-0-0
- Tok Cutoff: 5-0-0
(A) Proposed Change to trapping regulation
- Allow the out of season incidental catch of two furbearers per licensed trapper per year for any species that has a unlimited bag limit.

(B) Proposed Change to trapping regulation
- The Department will issue two incidental take tags per trapper per year for any species that has a unlimited bag limit.
Wolverine

**Units 11 and 13:** November 10 – January 31
- No limit.

Red Fox

**Units 11 and 13:** November 10 – February 28
- No limit.

Lynx

**Units 11 and 13:** November 10 – February 28
- No limit.
Current Units 11 and 13 Trapping Seasons (cont.)

Coyote
Unit 11 November 10 – March 31  
- No limit.
Unit 13 October 15 – April 30.  
- No limit.

Wolf
Unit 11 November 10 – March 31  
- No limit.
Unit 13 October 15 – April 30.  
- No limit.
Current Units 11 and 13 Trapping Seasons (cont.)

River Otter
Units 11 and 13 November 10 – March 31
  - No limit.

Beaver
Units 11 and 13 September 25 – May 31
  - No limit.
Allow incidental take of two furbearers by trappers in Units 11 and 13

Department Recommendation: NEUTRAL

Copper Basin AC Proposal

Copper Basin: 8-0-0
Denali: 7-0-0
Paxson: 5-0-0
Tok Cutoff: 5-0-0
Reduce the bag and possession limits for grouse in Unit 11

Department Recommendation: NEUTRAL

Wrangell-St. Elias National Park SRC

Copper Basin: 2-6-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Proposed Unit 11 Grouse Hunt Structure

August 10–March 31

- Bag limit of fifteen **five** per day, thirty **ten** in possession, of which not more than two per day and four in possession may be ruffed grouse.
Spring Breeding Survey Data:

- Unit 12, 14, 20
- Ruffed, Sharp-tailed Grouse ONLY
- Near or slightly below recent population high
Reduce the bag and possession limits for grouse in Unit 11

Department Recommendation: **NEUTRAL**

Wrangell-St. Elias National Park SRC

---

Copper Basin: 2-6-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Reduce the bag limit and season for grouse in Unit 11

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 1-7-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Proposed Unit 11 Grouse Hunt Structure

August 10 - September 1 – March 31 – December 15
- Bag limit of fifteen **five** per day, thirty **ten** in possession.
Spring Breeding Surveys:
- Units 12, 14, and 20
- Ruffed and Sharp-tailed grouse ONLY

Juvenile Growth:
- No data for grouse,
- Juvenile size depends on hatch date and weather,
Proposal 118

Reduce the bag limit and season for grouse in Unit 11

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 1-7-0
Denali:
Paxson:
Tok Cutoff: 5-0-0
Lengthen the hunting season for ptarmigan in Unit 13B

Department Recommendation: NEUTRAL

Copper Basin AC
Proposed Unit 13 Ptarmigan Hunt Structure

13A, 13C, 13D, 13E
August 10–March 31
- Bag limit of ten per day, twenty in possession.

13B
August 10–November 30 March 31
- Bag limit of ten per day, twenty in possession.
Subunit 13B closes November 30

Rock and Willow Ptarmigan wings contributed by hunters, RY11-16

Harvest in 13A and 13E
Rock and Willow Ptarmigan wings contributed by hunters, RY11-16

Subunit 13B closes November 30

13B Mortality: FALL

13B Mortality: WINTER

Harvest in 13A and 13E
Ptarmigan harvest per hunt as reported through statewide small game hunter survey, RY2013.

<table>
<thead>
<tr>
<th>Method</th>
<th>Percent Use</th>
<th>Average Harvest/Hunt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Snowmachine</td>
<td>39.3%</td>
<td>2.2</td>
</tr>
<tr>
<td>ATV</td>
<td>21.5%</td>
<td>1.5</td>
</tr>
<tr>
<td>Foot</td>
<td>18.3%</td>
<td>1.3</td>
</tr>
<tr>
<td>Highway Vehicle</td>
<td>18.1%</td>
<td>1.5</td>
</tr>
<tr>
<td>Aircraft</td>
<td>1.9%</td>
<td>1.9</td>
</tr>
<tr>
<td>Boat</td>
<td>1.4%</td>
<td>1.3</td>
</tr>
<tr>
<td>Other</td>
<td>0.6%</td>
<td>0.1</td>
</tr>
</tbody>
</table>
Shorter Seasons:
BEFORE February 15

Higher Density:
MORE birds for breeding

Longer Seasons:
AFTER February 15

Lower Density:
FEWER birds for breeding

Harvest vs. Opportunity
Lengthen the hunting season for ptarmigan in Unit 13B

Department Recommendation: NEUTRAL

Copper Basin AC

Copper Basin: 8-0-0
Denali: 0-7-0
Paxson: 5-0-0
Tok Cutoff: 5-0-0
Align the hunting seasons and reduce the bag limit for ptarmigan in Units 13B and 13E

Department Recommendation: **NEUTRAL**

Denali AC

---

*Copper Basin:*
*Denali:*
*Paxson: 5-0-0*
*Tok Cutoff:*
Proposed Unit 13 Ptarmigan Hunt Structure

13A, 13C, 13D:
August 10 – March 31
- Bag limit of ten per day, twenty in possession.

13B:
August 10 – November 30 January 31
- Bag limit of ten five per day, twenty ten in possession.

13E:
August 10 – March 31 January 31
- Bag limit of ten five per day, twenty ten in possession.
Align the hunting seasons and reduce the bag limit for ptarmigan in Units 13B and 13E

Department Recommendation: **NEUTRAL**

Denali AC

---

Copper Basin:
Denali:
Paxson: 5-0-0
Tok Cutoff:
Lengthen the hunting season for ptarmigan in Unit 13B

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin:
Denali:
Paxson: 5-0-0
Tok Cutoff :5-0-0
Proposed Unit 13 Ptarmigan Hunt Structure

13A, 13C, 13D, 13E
August 10–March 31
- Bag limit of ten per day, twenty in possession.

13B
August 10–November 30 March 31
- Bag limit of ten per day, twenty in possession.
Lengthen the hunting season for ptarmigan in Unit 13B

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin: 5-0-0
Denali: 5-0-0
Paxson: 5-0-0
Tok Cutoff: 5-0-0
Modify the Sourdough Controlled Use Area

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 7-0-0
Denali: 6-0-1
Paxson: 5-0-0
Tok Cutoff: 5-0-0
Issue

- Sourdough Campground is within the Sourdough Controlled Use Area.

- Currently hunters are prohibited from driving motorized vehicles into the Sourdough Campground for the purpose of camping, or to ferry and launch boats on the Gulkana River from the campground boat launch.
Sourdough Controlled Use Area

- Richardson Highway
- Trail
- Sourdough Controlled Use Area

0 0.75 1.5 3 Miles

---

Middle Fork Trail
Haggard Creek Trail
Sourdough Creek Campground
Campground & Boat Launch
Gulkan River
Sourdough Creek

---

MILEPOST 179
MILEPOST 148
Issue

- Sourdough Campground is within the Sourdough Controlled Use Area.

- Currently hunters are prohibited from driving motorized vehicles into the Sourdough Campground for the purpose of camping, or to ferry and launch boats on the Gulkana River from the campground boat launch.
Modify the Sourdough Controlled Use Area

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 7-0-0
Denali: 6-0-1
Paxson: 5-0-0
Tok Cutoff: 5-0-0
Modify the Clearwater Creek Controlled Use Area Description

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 7-0-0
Denali: 7-0-0
Paxson: 5-0-0
Tok Cutoff: 0-5-0
Issue

- Public confusion and enforcement issues regarding the positioning of the Maclaren Summit Trail relative to the eastern boundary of the Clearwater Creek Controlled Use Area.

- Recent GIS analysis conducted by the DNR and ADF&G have identified that the trailhead and most of the Maclaren Summit Trail lies within the Maclaren River drainage, and the controlled use area.
Modify the Clearwater Creek Controlled Use Area Description

Department Recommendation: SUPPORT

Department Proposal

Copper Basin: 7-0-0
Denali: 7-0-0
Paxson: 5-0-0
Tok Cutoff: 0-5-0
Eliminate the Unit 13 specific proxy requirements

Department Recommendation: **NEUTRAL**

Public Proposal

---

**Copper Basin 0-7-0**  
**Denali 6-0-1**  
**Paxson 0-5-0**  
**Tok Cutoff 5-0-0**
Current Regulations

5 AAC 92.011.

(d) A person may not proxy
   (1) for more than one beneficiary at a time;
   (2) more than once per season per species in Unit 13;
   (3) for Tier II Caribou in Unit 13, unless the proxy is a Tier II permittee;
### Tier II moose hunt (TM300) proxy applications & hunt statistics, RY2001–2005

<table>
<thead>
<tr>
<th>Year</th>
<th># Proxy App.</th>
<th>Hunted</th>
<th>Harvest</th>
<th>Permits Issued</th>
<th>% Proxied</th>
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<tbody>
<tr>
<td>2001</td>
<td>16</td>
<td>12</td>
<td>4</td>
<td>150</td>
<td>10.7%</td>
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<tr>
<td>2002</td>
<td>23</td>
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<td>150</td>
<td>15.3%</td>
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<tr>
<td>2003</td>
<td>41</td>
<td>38</td>
<td>26</td>
<td>150</td>
<td>27.3%</td>
</tr>
<tr>
<td>2004</td>
<td>28</td>
<td>24</td>
<td>11</td>
<td>150</td>
<td>18.7%</td>
</tr>
<tr>
<td>2005</td>
<td>32</td>
<td>26</td>
<td>9</td>
<td>150</td>
<td>21.3%</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th># Proxy App.</th>
<th>Hunted</th>
<th>Harvest</th>
<th>Permits Issued</th>
<th>% Proxied</th>
</tr>
</thead>
<tbody>
<tr>
<td>2001</td>
<td>158</td>
<td>140</td>
<td>102</td>
<td>1,996</td>
<td>7.9%</td>
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<tr>
<td>2002</td>
<td>364</td>
<td>327</td>
<td>212</td>
<td>2,003</td>
<td>18.2%</td>
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<tr>
<td>2003</td>
<td>292</td>
<td>240</td>
<td>167</td>
<td>2,005</td>
<td>14.6%</td>
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<tr>
<td>2005</td>
<td>598</td>
<td>530</td>
<td>405</td>
<td>4,001</td>
<td>14.9%</td>
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<thead>
<tr>
<th>Year</th>
<th># Proxy App.</th>
<th>Hunted</th>
<th>Harvest</th>
<th>Permits Issued</th>
<th>% Proxied</th>
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<tbody>
<tr>
<td>2012</td>
<td>285</td>
<td>237</td>
<td>164</td>
<td>5,045</td>
<td>5.6%</td>
</tr>
<tr>
<td>2013</td>
<td>321</td>
<td>225</td>
<td>91</td>
<td>6,878</td>
<td>4.7%</td>
</tr>
<tr>
<td>2014</td>
<td>406</td>
<td>328</td>
<td>232</td>
<td>5,595</td>
<td>7.3%</td>
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<td>2015</td>
<td>512</td>
<td>254</td>
<td>200</td>
<td>7,235</td>
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</tr>
<tr>
<td>2016</td>
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<td>8,470</td>
<td>7.6%</td>
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Proposal 124


<table>
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<th>Year</th>
<th># Proxy App.</th>
<th>Hunted</th>
<th>Harvest</th>
<th>Permits Issued</th>
<th>% Proxied</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>115</td>
<td>91</td>
<td>55</td>
<td>3,001</td>
<td>3.8%</td>
</tr>
<tr>
<td>2013</td>
<td>99</td>
<td>51</td>
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<td>5,000</td>
<td>2.0%</td>
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<td>2014</td>
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<td>3.9%</td>
</tr>
<tr>
<td>2015</td>
<td>43</td>
<td>13</td>
<td>8</td>
<td>1,001</td>
<td>4.3%</td>
</tr>
<tr>
<td>2016</td>
<td>226</td>
<td>--</td>
<td>--</td>
<td>5,000</td>
<td>4.5%</td>
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1 In 2016 drawing caribou hunts DC480–483 were combined into a single hunt (DC485).
Considerations

- Unit 13 specific proxy regulations were adopted in 2016 to address suspected proxy abuse.
Eliminate the Unit 13 specific proxy requirements

Department Recommendation: NEUTRAL

Public Proposal

Copper Basin 0-7-0
Denali 6-0-1
Paxson 0-5-0
Tok Cutoff 5-0-0