

**Proposal 177**

**5 AAC 85.045(5). Hunting seasons and bag limits for moose.**

Reauthorize the antlerless moose season in the Twentymile/Portage/Placer hunt area in Units 7 and 14C.

<b>Seasons and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
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Unit 7, the Placer River drainages, and that portion of the Placer Creek (Bear Valley) drainage outside the Portage Glacier Closed Area, and that portion of Unit 14(C) within the Twentymile River drainage

**RESIDENT HUNTERS:**

1 moose by drawing permit only; up to 60 permits for bulls will be issued in combination with nonresident hunts, and up to 70 permits for antlerless moose will be issued

Aug. 20—Oct. 10  
(General hunt only)

**NONRESIDENT HUNTERS:**

1 bull by drawing permit only; up to 60 permits for bulls will be issued in combination with resident hunts

Aug. 20—Oct. 10

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**What is the issue you would like the board to address and why?** Antlerless moose seasons must be reauthorized annually, and the Department of Fish and Game (department) recommends reauthorizing the antlerless hunt in Units 7 and 14C. The moose population in the Twentymile/Portage/Placer area has a history of rapid increase following mild winters and sharp reductions during severe winters. In 2009, antlerless permits were issued for the first time since 2004. The number of permits issued depends on the current population estimate and bull:cow ratios, as well as estimated winter mortality. A December 2016 aerial composition count of moose in the Twentymile, Portage, and Placer river drainages found 153 moose with a bull:cow ratio of

30 bulls per 100 cows and a calf:cow ratio of 18 calves per 100 cows. Since 2016, there has not been enough snow in early winter to conduct surveys.

The harvest of antlerless moose provides the department with a management tool to maintain the number of moose in the Twentymile/Portage/Placer area at a population level low enough to reduce over-browsing of winter habitat, moose-vehicle collisions, and starvation during severe winters. The moose population will be healthier and more productive due to decreased stress levels associated with winter food shortages. This hunt has been successful in creating additional moose hunting opportunity with little or no controversy.

**PROPOSED BY:** Alaska Department of Fish and Game

(HQ-F20-062)

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