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**OFFICE OF THE LIEUTENANT GOVERNOR  
ALASKA**

**M E M O R A N D U M**

**TO:** Shellene Hutter  
Department of Fish and Game

**FROM:** April Simpson, Office of the Lieutenant Governor  
(907)465-4081

A handwritten signature in blue ink, likely belonging to April Simpson, is written over the "FROM:" line.

**DATE:** May 29, 2020

**RE:** Filed Permanent Regulations: Board of Game

Board of Game Regulation re: March 6-14, 2020 Fairbanks Meeting (5 AAC 84; 5 AAC 85; 5 AAC 92; 5 AAC 98; 5 AAC 99)

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Attorney General File:	2019200577
Regulation Filed:	5/29/2020
Effective Date:	7/1/2020
Print:	234, July 2020

cc with enclosures: Harry Hale, Department of Law  
Judy Herndon, LexisNexis

**ORDER CERTIFYING THE CHANGES TO REGULATIONS  
OF THE ALASKA BOARD OF GAME**

The attached 78 pages of regulations, dealing with the use and taking of game, are certified to be a correct copy of the regulation changes that the Alaska Board of Game adopted at its March 6 – 14, 2020 meeting in Fairbanks, Alaska, under the authority of AS 16.05.255 and 16.05.258 and after compliance with the Administrative Procedure Act (AS 44.62), specifically including notice under AS 44.62.190 and 44.62.200 and opportunity for public comment under AS 44.62.210.

This action is not expected to require an increased appropriation.

On the record, in considering public comments, the Alaska Board of Game paid special attention to the cost to private persons of the regulatory action being taken.

The regulation changes described in this order take effect on July 1, 2020, as provided in AS 44.62.180.

DATE: 5/18/2020  
Juneau, Alaska

DocuSigned by:  
Benjamin J. Mulligan  
Benjamin Mulligan, Deputy Commissioner  
Department of Fish and Game

**FILING CERTIFICATION**

*April Simpson for*

I, Kevin Meyer, Lieutenant Governor for the State of Alaska, certify that on

May 29<sup>th</sup>, 2020 at 8:05 a.m., I filed the attached regulations according to the provisions of AS 44.62.040 - 44.62.120.

*for April Simpson*  
Kevin Meyer, Lieutenant Governor  
State of Alaska

Effective: July 1, 2020

Register: 234, July 2020

**FOR DELEGATION OF THE LIEUTENANT GOVERNOR'S AUTHORITY**

**I, KEVIN MEYER, LIEUTENANT GOVERNOR OF THE STATE OF ALASKA,  
designate the following state employees to perform the Administrative Procedures Act  
filing functions of the Office of the Lieutenant Governor:**

**Josh Applebee, Chief of Staff  
Kady Levale, Notary Administrator  
April Simpson, Regulations and Initiatives Specialist**

**IN TESTIMONY WHEREOF, I have  
signed and affixed the Seal of the State of  
Alaska, in Juneau, on December 11th,  
2018.**



A handwritten signature in blue ink, appearing to read "K. Meyer", is written over a horizontal dotted line.

**KEVIN MEYER  
LIEUTENANT GOVERNOR**

STATE OF ALASKA  
DEPARTMENT OF FISH AND GAME  
P.O. BOX 115526  
JUNEAU, ALASKA 99811

**DELEGATION OF AUTHORITY**

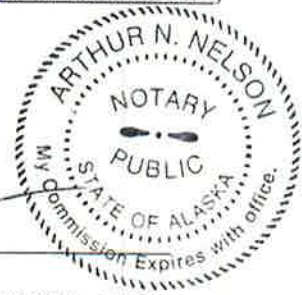
UNDER AS 44.17.010, THE AUTHORITY AND RESPONSIBILITY FOR ADOPTING  
REGULATIONS OF THE DEPARTMENT OF FISH AND GAME UNDER THE ALASKA  
ADMINISTRATIVE PROCEDURE ACT ARE DELEGATED TO BENJAMIN MULLIGAN,  
DEPUTY COMMISSIONER.

SIGNED:



DOUGLAS VINCENT-LANG

(Please print name)



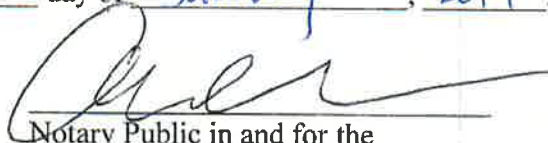
SIGNED AND SWORN TO before me this

3<sup>rd</sup>

day of

January

2019



Notary Public in and for the  
State of Alaska

My commission expires: with office

Note to Publisher: When a subsection, paragraph, subparagraph, etc. is indicated by the appropriate number or letter and no text follows that symbol, then the omitted text is the same as that set out in the previous register containing the section. Amended text to be added is bolded and underlined. Amended text to be deleted is capitalized and enclosed in brackets.

**Title 5. Fish and Game.**

**Part 3. Game.**

**Chapter 84. Trapping.**

**Article 07. Trapping Seasons and Bag Limits.**

5 AAC 84.270(5) is amended to read:

<b>Species and Units</b>	<b>Open Season</b>	<b>Bag Limit</b>
(5) Lynx		
...		
Units 12[, 19], 20, 21( <b><u>B</u></b> ), <b><u>21(C)</u></b> , <b><u>21(D)</u></b> , <b><u>21(E)</u></b> , and 25	Nov. 1—Mar. 15	No limit.
<b><u>Units 19(C), 19(D), and 21(A)</u></b>	<b><u>Nov. 1—Mar. 31</u></b>	<b><u>No limit.</u></b>
...		

Publisher: The remainder of 5 AAC 84.270(5) is unchanged.

(In effect before 1980; am 7/4/80, Register 75; am 9/30/81, Register 79; am 7/17/82, Register 83; am 6/30/83, Register 86; am 6/30/84, Register 90; am 6/23/85, Register 94; am 8/29/85, Register 95; am 4/24/88, Register 106; am 7/14/88, Register 107; am 8/12/90, Register 115; am 7/1/92, Register 122; am 10/1/93, Register 127; am 7/9/95, Register 135; am 7/16/95, Register 135; am

6/28/96, Register 138; am 7/1/97, Register 142; am 7/27/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 7/1/99, Register 150; am 7/17/99, Register 151; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 7/1/2001, Register 158; add'l am 7/1/2001, Register 158; am 12/28/2001, Register 160; am 7/1/2002, Register 162; am 7/1/2003, Register 166; add'l am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 7/1/2005, Register 174; add'l am 7/1/2005, Register 174; am 7/1/2006, Register 178; add'l am 7/1/2006, Register 178; am 7/1/2007, Register 182; add'l am 7/1/2007, Register 182; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; am 7/1/2009, Register 190; add'l am 7/1/2009, Register 190; am 7/1/2010, Register 194; 1st add'l am 7/1/2010, Register 194; 2nd add'l am 7/1/2010, Register 194; em am 5/27/2010 - 9/23/2010, Register 194; am 5/14/2011, Register 198; am 7/1/2011, Register 198; 1st add'l am 7/1/2011, Register 198; 2nd add'l am 7/1/2011, Register 198; am 7/1/2012, Register 202; add'l am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; 7/1/2015, Register 214; 1st add'l am 7/1/2015, Register 214; 2nd add'l am 7/1/2015, Register 214; am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; add'l am 7/1/2019, Register 230; am 7/1/2020, Register 234)

Authority: AS 16.05.060

AS 16.05.255

AS 16.05.270

5 AAC 84.275 is amended to read:

5 AAC 84.275. Taking of fur beaver.

A furbearer may only be taken under this chapter by a person who possesses a valid trapping license, or by a resident under the age of 18 [16].

(Eff. 6/23/85, Register 94; am 7/1 /2020, Register 234)

Authority: AS 16.05.255

**Chapter 85. Hunting Seasons and Bag limits.****Article 2. Seasons and Bag Limits.**

5 AAC 85.020(a)(19) is amended to read:

<b>Units and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
(19)		
Unit 21(A), 21(B), [AND ]21(C), <u>and 21(E)</u>		
<b><u>RESIDENT HUNTERS:</u></b>		
<u>2 bears every regulatory year</u>	<u>Aug. 10—June 30</u>	
<b><u>NONRESIDENT HUNTERS:</u></b>		
<u>1 bear every regulatory year</u>		<u>Aug. 10—June 30</u>
[1 BEAR EVERY REGULATORY YEAR]	[AUG. 10—JUNE 30]	[AUG. 10—JUNE ]

Unit 21(D)

**RESIDENT HUNTERS:**2 bears every regulatory yearAug. 10—June 30

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by registration permit only; or

(Subsistence hunt only)

2 bears every regulatory year

Aug. 10—June 30

### NONRESIDENT HUNTERS:

1 bear every regulatory year

Aug. 10—June 30

[1 BEAR EVERY

[AUG. 10—JUNE 30]

[NO OPEN

REGULATORY YEAR BY

[(SUBSISTENCE HUNT

SEASON.]

REGISTRATION PERMIT]

ONLY)]

[1 BEAR EVERY

[AUG. 10—JUNE 30]

[AUG. 10—JUNE

REGULATORY YEAR]

30]

[UNIT 21(E)]

[RESIDENT HUNTERS:]

[2 BEARS EVERY

[AUG. 10—JUNE 30]

REGULATORY YEAR]

[NONRESIDENT HUNTERS:]

[1 BEAR EVERY

[AUG. 10—JUNE

REGULATORY YEAR]

30]

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FISH AND GAME

*repealed and readopted*

5 AAC 85.020(a)(22) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(22)		
Unit 24(B)		
<b><u>RESIDENT HUNTERS:</u></b>		
<u>2 bears every regulatory year</u>	<u>Aug. 10—June 30</u>	
<u>by registration permit only; or</u>	<u>(Subsistence hunt only)</u>	
<u>2 bears every regulatory year</u>	<u>Aug. 10—June 30</u>	
<b><u>NONRESIDENT HUNTERS:</u></b>		
<u>1 bear every regulatory year</u>		<u>Aug. 10—June 30</u>
[1 BEAR EVERY REGULATORY YEAR BY REGISTRATION PERMIT]	[AUG. 10—JUNE 30] [(SUBSISTENCE HUNT ONLY)]	[NO OPEN SEASON.]
[1 BEAR EVERY REGULATORY YEAR]	[AUG. 10—JUNE 30]	[AUG. 10—JUNE 30]
<b><u>Units 24(C) and 24(D)</u></b>		
<u>1 bear every regulatory year</u>	<u>Aug. 10—June 30</u>	<u>No open season.</u>

(( no bold/no underline ))

(( no bold/no underline ))

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FISH AND GAME

((( no holes no under

by registration permit only; or

(Subsistence hunt only)

1 bear every regulatory year

Aug. 10—June 30

Aug. 10—June 30

5 AAC 85.020(a)(23) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(23)		
Units <u>24(A)</u> , 25(A) and 25(B)		
1 bear every regulatory year	July 25—June 30	July 25—June 30
...		

Publisher: The remainder of 5 AAC 85.020(a)(23) is unchanged.

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 9/18/91, Register 119; am 7/1/92, Register 122; add'l am 7/1/92, Register 122; am/readopt 5/13/93, Register 126; am 7/1/93, Register 126; am 7/1/94, Register 130; am 7/7/94, Register 131; am 8/25/94, Register 131; am 7/16/95, Register 135; am 8/4/95, Register 135; am 6/28/96, Register 138; am 7/1/96, Register 138; am 7/1/97, Register 142; am 7/26/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 7/1/99, Register 150; add'l am 7/1/99, Register 150; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 7/1/2001, Register 158; add'l am 7/1/2001, Register 158; am 12/28/2001, Register 160; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; am 5/1/2003, Register 166; am 7/1/2003, Register 166; add'l am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register

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170; am 7/1/2005, Register 174; add'l am 7/1/2005, Register 174; am 7/1/2006, Register 178;  
add'l am 7/1/2006, Register 178; am 7/1/2007, Register 182; am 7/1/2008, Register 186; add'l am  
7/1/2008, Register 186; am 7/1/2009, Register 190; am 7/1/2010, Register 194; add'l am  
7/1/2010, Register 194; em am 8/6/2010 - 12/3/2010, Register 195; am 2/4/2011, Register 197;  
am 7/1/2011, Register 198; am 7/1/2012, Register 202; 1st add'l am 7/1/2012, Register 202; 2nd  
add'l am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206;  
2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; am 7/1/2015, Register 214;  
add'l am 7/1/2015, Register 214; am 7/1/2016, Register 218; am 7/1/2017, Register 222; add'l am  
7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; add'l am  
7/1/2019, Register 230; am 7 / 1 / 2020, Register 234; add'l am 7 / 1 / 2020, Register 234)

**Authority:** AS 16.05.060

AS 16.05.258

AS 16.05.<sup>407</sup>~~330~~

AS 16.05.255

AS 16.05.330

5 AAC 85.025(a)(14) is amended to read:

<b>Units and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
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(14)

...

Unit 19(D), except the drainages

of the Nixon Fork River

1 bull; or

Aug. 10—Sept. 20

Aug. 10—Sept. 20

~~[1 CARIBOU; OR]~~

~~[NOV. 1 - JAN. 31]~~

**1 antlerless caribou by**

**Nov. 1—Last day of Feb.**

**No open season.**

**registration permit only; or**

[ 1 CARIBOU; OR ]

[ NOV. 1 - JAN. 31 ]

5 caribou may be taken during the winter season to be announced; however, the commissioner may close the season and immediately reopen, by emergency order, a season during which the bag limit is less than 5 caribou

(Season to be announced)

No open season.

[(SUBSISTENCE HUNT ONLY)]

Remainder of Unit 19(D)

Aug. 10—Sept. 20

Aug. 10—Sept. 20

1 bull; or

**1 antlerless caribou by**

**Nov. 1—Last day of Feb.**

**No open season.**

**registration permit only**

(( Publisher: The remainder of 5 AAC 85.025(a)(14) is unchanged. ))

5 AAC 85.025(a)(16) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
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(16)

Unit 21(A)

1 bull; or

Aug. 10—Sept. 20

Aug. 10—Sept. 20

1 antlerless caribou by  
registration permit onlyNov. 1—Last day of Feb.No open season.Unit 21(B), that portion within  
the Nowitna River drainage  
upstream from the Little Mud  
River drainage1 caribou; orAug. 10—Sept. 30Aug. 10—Sept. 301 antlerless caribou by  
registration permit onlyNov. 1—Last day of Feb.No open season.Unit 21(B), that portion north  
of the Yukon River and down-  
stream from [FORM] Ukawutni Creek

No open season.

No open season.

Remainder of Unit 21(B)

1 caribou

Aug. 10—Sept. 30

Aug. 10—Sept. 30

...

Publisher: The remainder of 5 AAC 85.025(a)(16) is unchanged.

5 AAC 85.025(a)(21) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(21)		
... unit ^ Remainder of 26(B)		
RESIDENT HUNTERS		
<u>4</u> [2] bulls	<u>July 1—Apr. 30</u>	
	[AUG. 1—APR. 30]	
NONRESIDENT HUNTERS		
1 bull		Aug. 1—Sept. 15

(( Publisher: The remainder of 5 AAC 85.025(a)(21) is unchanged. ))

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 8/10/90, Register 115; am 12/27/90, Register 116; em am 12/17/90 - 4/15/91, Register 117; am 6/16/91, Register 118; am 8/10/91, Register 119; am 2/29/92, Register 121; em am 4/14/92 - 8/11/92, Register 122; am 7/1/92, Register 122; am 4/1/93, Register 125; em am 3/15/93 - 7/22/93, Register 126; am/readopt 5/13/93, Register 126; am 7/1/93, Register 126; am 8/25/94, Register 131; em am 10/28/94 - 2/24/95, Register 132; em am 11/8/94 - 3/7/95, Register 132; em am 12/14/94 - 4/12/95, Register 133; am 7/16/95, Register 135; am 8/4/95, Register 135; am 10/27/95, Register 136; am 6/28/96,

Register 138; am 10/30/96, Register 140; em am 11/12/96 - 3/11/97, Register 140; em am 11/22/96 - 3/21/97, Register 140; am 7/26/97, Register 143; am 7/1/98, Register 146; am 8/20/98, Register 147; am 7/1/99, Register 150; em am 9/24/99 - 1/21/2000, Register 152; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 1/1/2001, Register 156; am 3/17/2001, Register 157; am 7/1/2001, Register 158; em am 3/19/2002 - 3/29/2002, Register 162; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; em am 7/24/2002 - 8/2/2002, Register 163; am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 7/1/2005, Register 174; am 7/1/2006, Register 178; add'l am 7/1/2006, Register 178; am 7/1/2007, Register 182; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; am 7/1/2009, Register 190; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; am 8/2/2010, Register 195; am 7/1/2011, Register 198; am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2015, Register 214; add'l am 7/1/2015, Register 214; am 7/1/2016, Register 218; em am 2/24/2017 - 6/23/2017, Register 221; am 7/1/2017, Register 222; 1st add'l am 7/1/2017, Register 222; 2nd add'l am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; am 7 / 1 / 2020 Register 234; add'l am 7 / 1 / 2020, Register 234

Authority: AS 16.05.<sup>060</sup>~~255~~ AS 16.05.258 AS 16.05.330  
AS 16.05.255

5 AAC 85.045(a)(14) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(14)		

Unit 16(A)

1 moose per regulatory year,

only as follows:

...

[1 ANTLERLESS MOOSE, BY

[AUG. 20—SEPT. 25]

[NO OPEN

DRAWING PERMIT ONLY, UP

SEASON.]

TO 200 PERMITS MAY BE

ISSUED; A PERSON MAY NOT

TAKE A CALF OR A COW

ACCOMPANIED BY A CALF; OR]

...

Publisher: The remainder of 5 AAC 85.045(a)(14) is unchanged.

5 AAC 85.045(a)(17) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(17)		
<u>Unit 19(C), that portion west</u> <u>of the South Fork of the</u> <u>Kuskokwim River, east of</u> <u>the Windy Fork of the</u>		

Kuskokwim River and

north of a line between

24.00' N. lat., 154° 7.00' W. long  
62° 24' N, 154° 7' W and

62° 30' N, 153° 32' W 30.00' N. lat., 153° 32.00' W. long.

RESIDENT HUNTERS:

1 bull with spike-fork or

Sept. 1—Sept. 20

50-inch antlers or antlers

with 4 or more brow tines

on one side by registration

permit only; or

1 bull by registration permit

Feb. 1—Last day of Feb.

only

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or

Sept. 1—Sept. 20

antlers with 4 or more brow tines

on one side by registration

permit only

Remainder of Unit 19(C)

RESIDENT HUNTERS:

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1 bull with spike-fork or

Sept. 1—Sept. 20

50-inch antlers or antlers

with 4 or more brow tines

on one side; or

1 bull by registration permit

Feb. 1—Last day of Feb.

only

### NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or

Sept. 1—Sept. 20

antlers with 4 or more brow tines

on one side

...

Unit 19(D), that portion

between and including the

Cheeneetnuk and Gagaryah

River drainages, excluding that

portion within 2 miles of the Swift

River

### RESIDENT HUNTERS:

1 antlered bull; or

Sept. 1—Sept. 20

1 antlered bull by

Sept. 1—Sept. 25

registration permit

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NONRESIDENT HUNTERS:

Sept. 1—Sept. 20

1 bull with 50-inch antlers or  
antlers with 4 or more brow  
tines on one side

Unit 19(D), that portion upstream  
of the Selatna River, excluding the  
Black River

1 moose by registration permit  
only, a person may not take  
a cow accompanied by a calf

Feb. 1—Last day of Feb.

No open season.

Remainder of Unit 19(D)

1 antlered bull; or

Sept. 1—Sept. 20

No open season.

1 antlered bull by registration  
permit

Sept. 1—Sept. 25

No open season.

((Publisher: The remainder of 5 AAC 85.045(a)(17) is unchanged.))

5 AAC 85.045(a)(18) is amended to read:

**Units and Bag Limits**

**Resident  
Open Season  
(Subsistence and  
General Hunts)**

**Nonresident  
Open Season**

(18)

... ..

Unit 20(B), the drainage of the  
Middle Fork of the Chena River

1 antlerless moose  
by drawing permit only;  
up to 300 permits may be issued; a  
person may not take a cow  
accompanied by a calf; or

Aug. 15—Nov. 15  
(General hunt only)

1 antlerless moose by  
registration permit only;  
a person may not take a cow  
accompanied by a calf; or

Oct. 1—Last day of Feb.      No open season.  
(General hunt only)

1 bull; or

Sept. 1—Sept. 25      Sept. 1—Sept. 25

1 bull, by bow and arrow only[;  
OR

Sept. 26—Sept. 30      Sept. 26—Sept. 30

1 BULL BY REGISTRATION  
PERMIT ONLY; BY  
MUZZLELOADER ONLY;]

[NOV. 10—DEC. 10]      [NO OPEN  
[(GENERAL HUNT      SEASON.]  
ONLY)]

Unit 20(B), that portion of the  
Salcha River drainage upstream  
from and including Goose Creek

1 bull; or

Sept. 1—Sept. 25

Sept. 1—Sept. 25

1 bull, by bow and  
arrow only[; OR

Sept. 26—Sept. 30

Sept. 26—Sept. 30

1 BULL BY REGISTRATION  
PERMIT ONLY; BY  
MUZZLELOADER ONLY;]

[NOV. 10—DEC. 10]  
[(GENERAL HUNT  
ONLY)]

[NO OPEN  
SEASON.]

[UNIT 20(B), THAT PORTION  
OF THE SALCHA RIVER  
DRAINAGE DOWNSTREAM  
OF GOOSE CREEK AND  
UPSTREAM FROM AND  
INCLUDING BUTTE CREEK]

[1 BULL, OR]

[SEPT. 1—SEPT. 20]

[SEPT. 5—SEPT. 20]

[1 BULL BY REGISTRATION

[NOV. 10—DEC. 10]

[NO OPEN

PERMIT ONLY; BY	[(GENERAL HUNT	SEASON.]
MUZZLELOADER ONLY;]	ONLY)]	

Unit 20(B), that portion southeast  
of the Moose Creek dike within  
one-half mile of each side of the  
Richardson Highway

**RESIDENT HUNTERS:**

1 bull, or	<b><u>Sept. 1—Sept. 15</u></b>	
	[SEPT. 1—SEPT. 20]	[SEPT. 5—SEPT. 20]

1 moose by drawing	Sept. 16—Last day of	[NO OPEN
permit only; by	Feb.	SEASON.]
crossbow, bow and arrow, or	(General hunt only)	

muzzleloader only; up to 100  
permits may be issued; or

1 moose by targeted	Season to be announced	[NO OPEN
permit only; by shotgun, cross-	by emergency order	SEASON.]
bow, or bow and arrow	(General hunt only)	

only; up to 100 permits may be  
issued

**NONRESIDENT HUNTERS:**

**1 bull with 50-inch antlers or  
antlers with 4 or more brow tines  
on one side**

**Sept. 5—Sept. 15**

Remainder of Unit 20(B)

**RESIDENT HUNTERS:**

1 antlerless moose by  
drawing permit only; by youth  
hunt only; up to 200 permits  
may be issued; or

Aug. 5—Aug. 14  
(General hunt only)

[NO OPEN  
SEASON.]

1 bull, or

**Sept. 1—Sept. 15**

[SEPT. 1—SEPT. 20]

[SEPT. 5—SEPT. 20]

1 antlerless moose by  
drawing permit only; up to  
1,500 permits may be issued in  
the Remainder of Unit 20(B); a  
person may not take a cow  
accompanied by a calf; or

Aug. 15—Nov. 15  
(General hunt only)

[NO OPEN  
SEASON.]

1 antlerless moose

Oct. 1—Last day of Feb.

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## FISH AND GAME

by registration permit only;

a person may not take a cow

accompanied by a calf; or

1 moose by targeted

permit only; by shotgun, cross-

bow, or bow and arrow

only; up to 100 permits may be

issued

[(GENERAL HUNT

ONLY)]

Season to be announced

by emergency order

(General hunt only)

[NO OPEN

SEASON.]

### **NONRESIDENT HUNTERS:**

**1 bull with 50-inch antlers or**

**antlers with 4 or more brow tines**

**on one side**

**Sept. 5—Sept. 15**

Unit 20(C)

### **RESIDENT HUNTERS:**

**1 bull, by youth hunt only; or**

**Aug. 25—Aug. 31**

1 bull

Sept. 1—Sept. 25

### **NONRESIDENT HUNTERS:**

1 bull with 50-inch antlers

or antlers with 4 or more brow

tines on one side

Sept. 1—Sept. 25

Publisher: The remainder of 5 AAC 85.045(a)(18) is unchanged.

5 AAC 85.045(a)(19) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(19)		

Unit 21(A)

RESIDENT HUNTERS:

1 antlered bull by registration  
permit only

Sept. 5—Sept. 25

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or antlers  
with 4 or more brow tines on one side

Sept. 5—Sept. 25

by registration permit only

...

Unit 21(D), that portion south of  
the South bank of the Yukon

River, downstream of the  
up-river entrance of Kala Slough  
and west of Kala Creek

RESIDENT HUNTERS:

1 bull, by registration permit	Aug. 22—Aug. 31
only; or	Sept. 5—Sept. 25

1 bull by drawing permit only;	Sept. 5—Sept. 25
up to 600 <u>permits</u> [PERMJTS] may	
be issued in combination with	
Unit 21(D) remainder; or	

1 moose, by registration	(Season to
permit only, up to 15 days during	be announced)
March, however, a person may not	
take a cow accompanied by a calf	

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or antlers	Sept. 5—Sept. 25
with 4 or more brow tines on one side,	
by drawing permit only; up to 600	
permits may be issued in combination	

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with Unit 21(D) remainder

Remainder of Unit 21(D)

...

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers

Sept. 5—Sept. 25

or antlers with 4 or more

brow tines on one side, by drawing

permit only; up to 600 permits may

be issued in combination with

Unit 21(D) that portion south

of the South bank of the

Yukon River, downstream

of the up-river entrance of

Kala Slough and west of

Kala Creek [OUTSIDE THE

KOYUKUK CONTROLLED

USE AREA]

Unit 21(E)

RESIDENT HUNTERS:

1 antlered bull by registration

Sept. 1—Sept. 25

permit only; or

1 moose by registration permitFeb. 15—Mar. 15No open season.only, a person may not takea cow accompanied by a calf

## NONRESIDENT HUNTERS:

1 bull with 50-inch antlers

Sept. 5—Sept. 25

or antlers with 4 or more

brow tines on one side, by

drawing permit only;

up to 100 permits may

be issued; [UP TO 30

PERCENT OF THE PERMITS

MAY BE ISSUED TO HUNTERS

USING A REGISTERED GUIDE]

5 AAC 85.045(a)(22) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(22)		

[(A) BEFORE JULY 1, 2018, THE HUNTING SEASONS AND BAG LIMITS FOR  
MOOSE IN UNIT 24 ARE AS FOLLOWS:

UNIT 24(A), THAT PORTION  
IN THE DALTON HIGHWAY  
CORRIDOR MANAGEMENT  
AREA

RESIDENT HUNTERS:

1 BULL, BY DRAWING PERMIT;                      SEPT. 1—SEPT. 25  
UP TO 70 PERMITS MAY BE                      (GENERAL HUNT ONLY)  
ISSUED IN COMBINATION WITH  
UNIT 25(A), THAT PORTION  
WITHIN THE DALTON  
HIGHWAY CORRIDOR  
MANAGEMENT AREA

NONRESIDENT HUNTERS:

SEPT. 5—SEPT. 25

1 BULL WITH 50-INCH ANTLERS  
OR ANTLERS WITH 4 OR MORE  
BROW TINES ON ONE SIDE,  
BY DRAWING PERMIT ONLY;  
UP TO 70 PERMITS MAY BE  
ISSUED IN COMBINATION WITH  
UNIT 25(A), THAT PORTION  
WITHIN THE DALTON HIGHWAY

CORRIDOR MANAGEMENT

AREA

REMAINDER OF UNIT 24(A)

RESIDENT HUNTERS:

1 BULL SEPT. 1—SEPT. 25

NONRESIDENT HUNTERS:

1 BULL WITH 50-INCH ANTLERS SEPT. 5—SEPT. 25

OR ANTLERS WITH 4 OR MORE

BROW TINES ON ONE SIDE

UNIT 24(B)

RESIDENT HUNTERS:

1 BULL; OR SEPT. 1—SEPT. 25

1 ANTLERED BULL, BY DEC. 15—APR. 15

REGISTRATION PERMIT ONLY

NONRESIDENT HUNTERS:

1 BULL WITH 50-INCH ANTLERS SEPT. 5—SEPT. 25

OR ANTLERS WITH 4 OR MORE

BROW TINES ON ONE SIDE

UNIT 24(C), THAT PORTION WITHIN  
THE KOYUKUK CONTROLLED USE  
AREA

RESIDENT HUNTERS:

1 BULL, BY REGISTRATION                      SEPT. 1—SEPT. 25

PERMIT ONLY; OR

1 BULL BY DRAWING                              SEPT. 5—SEPT. 25

PERMIT ONLY; UP TO 320                      (GENERAL HUNT ONLY)

PERMITS MAY BE ISSUED IN  
COMBINATION WITH UNITS 21(D)  
AND 24(D), THOSE PORTIONS  
WITHIN THE KOYUKUK  
CONTROLLED USE AREA; OR

1 ANTLERED BULL, BY                              DEC. 15—APR. 15

REGISTRATION PERMIT ONLY

NONRESIDENT HUNTERS:    SEPT. 5—SEPT. 25

1 BULL WITH 50-INCH ANTLERS

OR ANTLERS WITH 4 OR MORE  
BROW TINES ON ONE SIDE,  
BY DRAWING PERMIT ONLY;  
UP TO 80 PERMITS MAY BE  
ISSUED IN COMBINATION WITH  
UNITS 21(D) AND 24(D), THOSE  
PORTIONS WITHIN THE KOYUKUK  
CONTROLLED USE AREA

REMAINDER OF UNIT 24(C)

RESIDENT HUNTERS:

1 BULL, BY REGISTRATION                      SEPT. 5—SEPT. 25  
PERMIT ONLY; OR

1 BULL, BY DRAWING PERMIT                      SEPT. 5—SEPT. 25  
ONLY; UP TO 450 PERMITS                      (GENERAL HUNT ONLY)  
MAY BE ISSUED IN  
COMBINATION WITH UNIT 24(D)  
OUTSIDE THE KOYUKUK  
CONTROLLED USE AREA; OR

1 ANTLERED BULL, BY                      DEC. 15—APR. 15

REGISTRATION PERMIT ONLY

NONRESIDENT HUNTERS:

SEPT. 5—SEPT. 25

1 BULL WITH 50-INCH ANTLERS OR  
ANTLERS WITH 4 OR MORE BROW  
TINES ON ONE SIDE, BY DRAWING  
PERMIT; UP TO 450 PERMITS MAY  
BE ISSUED IN COMBINATION WITH  
UNIT 24(D) OUTSIDE THE KOYUKUK  
CONTROLLED USE AREA

UNIT 24(D), THAT PORTION WITHIN  
THE KOYUKUK CONTROLLED USE  
AREA

RESIDENT HUNTERS:

1 BULL, BY REGISTRATION  
PERMIT ONLY; OR

SEPT. 1—SEPT. 25

1 BULL, BY DRAWING PERMIT  
ONLY; UP TO 320 PERMITS  
MAY BE ISSUED IN COMBINATION  
WITH UNITS 21(D) AND 24(C), THOSE  
PORTIONS WITHIN THE KOYUKUK

SEPT. 5—SEPT. 25

(GENERAL HUNT ONLY)

CONTROLLED USE AREA; OR

1 BULL

 DEC. 1—DEC. 10

NONRESIDENT HUNTERS:

SEPT. 5—SEPT. 25

1 BULL WITH 50-INCH ANTLERS OR  
ANTLERS WITH 4 OR MORE BROW  
TINES ON ONE SIDE, BY DRAWING  
PERMIT ONLY; UP TO 80 PERMITS  
MAY BE ISSUED IN COMBINATION  
WITH UNITS 21(D) AND 24(C), THOSE  
PORTIONS WITHIN THE KOYUKUK  
CONTROLLED USE AREA

REMAINDER OF UNIT 24(D)

RESIDENT HUNTERS:

1 BULL, BY REGISTRATION

SEPT. 5—SEPT. 25

PERMIT ONLY; OR

1 BULL, BY DRAWING PERMIT

SEPT. 5—SEPT. 25

ONLY; UP TO 450 PERMITS

(GENERAL HUNT ONLY)

MAY BE ISSUED IN UNIT 24

OUTSIDE THE KOYUKUK

CONTROLLED USE AREA

NONRESIDENT HUNTERS:

SEPT. 5—SEPT. 25

1 BULL WITH 50-INCH ANTLERS

OR ANTLERS WITH 4 OR MORE

BROW TINES ON ONE SIDE, BY

DRAWING PERMIT ONLY; UP TO

450 PERMITS MAY BE ISSUED

IN UNIT 24 OUTSIDE THE

KOYUKUK CONTROLLED

USE AREA

(B) ON OR AFTER JULY 1, 2018, THE HUNTING SEASONS AND BAG  
LIMITS FOR MOOSE IN UNIT 24 ARE AS FOLLOWS:]

Unit 24(A), that portion in the

Dalton Highway Corridor

Management Area

RESIDENT HUNTERS:

1 bull, by drawing permit;

Sept. 1—Sept. 25

up to 70 permits may be issued (General hunt only)

in combination with Unit 25(A),

that portion within the Dalton

Highway Corridor Management

Area

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or antlers

Sept. 5—Sept. 25

with 4 or more brow tines on one side,

by drawing permit only; up to 70

permits may be issued

in combination with Unit 25(A),

that portion within the Dalton

Highway Corridor Management

Area

Remainder of Unit 24(A)

RESIDENT HUNTERS:

1 bull

Sept. 1—Sept. 25

NONRESIDENT HUNTERS:

1 bull with 50-inch antlers or antlers

Sept. 5—Sept. 25

with 4 or more brow tines on one side

**Unit 24(B), that portion within**

**the Kanuti Controlled Use Area**

**RESIDENT HUNTERS:**

**1 bull; or**

**Sept. 1—Oct. 1**

**1 antlered bull by**

**Dec. 15—Apr. 15**

**registration permit only**

**NONRESIDENT HUNTERS:**

**1 bull with 50-inch antlers or antlers**

**Sept. 5—Sept. 25**

**with 4 or more brow tines on one side**

**Remainder of** Unit 24(B)

**RESIDENT HUNTERS:**

1 bull; or

Sept. 1—Sept. 25

1 antlered bull by

Dec. 15—Apr. 15

registration permit only

**NONRESIDENT HUNTERS:**

1 bull with 50-inch antlers or antlers  
with 4 or more brow tines on one side

Sept. 5—Sept. 25

...

Publisher: The remainder of 5 AAC 85.045(a)(22) is unchanged.

5 AAC 85.045(a)(23) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(23)		
...		
Unit 25(C)		
<b><u>RESIDENT HUNTERS:</u></b>		
1 bull	Sept. 1—Sept. 15	[SEPT. 5—SEPT. 15]
	[(GENERAL HUNT ONLY)]	
<b><u>NONRESIDENT HUNTERS:</u></b>		
<b><u>1 bull with 50-inch antlers or antlers with 4 or more brow tines on one side</u></b>		<b><u>Sept. 5—Sept. 15</u></b>

...

((Publisher: The remainder of 5 AAC 85.045(a)(23) is unchanged.))

(Eff. 8/20/89, Register 111; am 12/30/89, Register 112; am 8/9/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 8/10/91, Register 119; am 6/26/92, Register 123; am 7/1/92, Register 122; am 7/17/92, Register 123; am/readopt 5/13/93, Register 126; am 7/1/93, Register 126; am 11/10/93, Register 128; am 7/7/94, Register 131; am 8/25/94, Register 131; em am 9/23/94 - 1/20/95, Register 131; em am 11/9/94 - 3/8/95, Register 132; am 7/16/95, Register 135; am 8/4/95, Register 135; em am 2/14/96 - 6/13/96, Register 137; am 6/28/96, Register 138; am 8/1/96, Register 139; am 7/26/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; em am 8/31/98 - 12/28/98, Register 147; em am 2/17/99 - 6/16/99, Register 149; am 7/1/99, Register 150; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 1/1/2001, Register 156; em am 9/28/2000 - 1/25/2001, Register 156; am 7/1/2001, Register 158; add'l am 7/1/2001, Register 158; am 8/22/2001, Register 159; am 10/26/2001, Register 160; em am 9/27/2001 - 10/6/2001, Register 160; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; em am 8/23/2002 - 12/20/2002, Register 163; am 12/5/2002, Register 164; am 7/1/2003, Register 166; add'l am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 11/1/2004, Register 172; am 12/30/2004, Register 172; am 7/1/2005, Register 174; add'l am 7/1/2005, Register 174; am 7/1/2006, Register 178; add'l am 7/1/2006, Register 178; am 12/1/2006, Register 180; am 7/1/2007, Register 182; add'l am 7/1/2007, Register 182; em am 2/22/2008 - 3/2/2008, Register 185; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; em am 7/3/2008 - 10/30/2008, Register 187; am 7/1/2009, Register 190; add'l am

7/1/2009, Register 190; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; em am 8/22/2010 – 11/29/2010, Register 195; am 7/1/2011, Register 198; 1st add'l am 7/1/2011, Register 198; 2nd add'l am 7/1/2011, Register 198; am 12/25/2011, Register 200; am 2/11/2012, Register 201; am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; 1st add'l am 7/1/2014, Register 210; 2nd add'l am 7/1/2014, Register 210; 3rd add'l am 7/1/2014, Register 210; am 7/1/2015, Register 214; add'l am 7/1/2015, Register 214; am 7/1/2015, Register 214; add'l am 7/1/2015, Register 214; am 7/1/2016, Register 218; am 7/1/2017, Register 222; 1st add'l am 7/1/2017, Register 222, 2nd add'l am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; add'l am 7/1/2019, Register 230; am 7 / 1 / 2020 Register 234; add'l am 7 / 1 / 2020, Register 234)

**Authority:** AS 16.05.060

AS 16.05.258

AS 16.05.780

AS 16.05.255

AS 16.05.330

AS 16.05.789

5 AAC 85.050(a)(2) is amended to read:

<b>Units and Bag Limits</b>	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
(2)		
[UNIT 22(A) AND] Unit 23,  that portion south and  west of the Kobuk River  drainage and north and east	No open season.	No open season.

of the Buckland River drainage

Units 22(A), 22(B), 22(C), and 22(D),

and Unit 23, Southwest, that

portion on the Seward Peninsula

west of and including the

Buckland River drainage, as

follows:

...

((Publisher: The remainder of 5 AAC 85.050(a)(2) is unchanged.)))

5 AAC 85.050(a) is amended by adding a new ~~sub~~paragraph:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
<u>(4)</u>		
<u>Units 21(D) and 24(D)</u>		
<u>1 bull by drawing permit only,</u>	<u>Feb. 1—Mar. 15</u>	<u>No open season.</u>
<u>up to 5 permits may be issued</u>		

((no bold/no underline)))

(Eff. 8/20/89, Register 111; am 12/30/89, Register 112; am 8/9/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 7/1/92, Register 122; readopt 5/13/93, Register 126; am 7/9/95, Register 135; am 7/1/98, Register 146; am 7/1/2000, Register 154; am 7/1/2001, Register 158; am 12/28/2001, Register 160; am 7/1/2002, Register 162; am 7/1/2006, Register

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178; am 7/1/2008, Register 186; am 7/1/2010, Register 194; am 7/1/2012, Register 202; am

7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2020, Register 234 <sup>add'l am 2020</sup> 7/1/2020, Register 234

Authority: AS 16.05.255

AS 16.05.258

AS 16.05.346

5 AAC 85.055(a)(10) is amended to read:

	<b>Resident Open Season (Subsistence and General Hunts)</b>	<b>Nonresident Open Season</b>
<b>Units and Bag Limits</b>		
(10)		

**Units 24(A) and 26(B)**

**within the Dalton Highway**

**Corridor Management Area**

**RESIDENT HUNTERS:**

**1 ram with full-curl horn or**

**larger, by youth hunt only; or**

**Aug. 1—Aug. 5**

**1 ram with full-curl horn or**

**larger**

**Aug. 10—Oct. 5**

**NONRESIDENT HUNTERS:**

**1 ram with full-curl horn or**

**larger, every 4 regulatory years,**

**by youth hunt only; or**

**Aug. 1—Aug. 5**

**1 ram with full-curl horn or**

larger, every 4 regulatory years

Aug. 10—Oct. 5

**Remainder of** Unit 24(A)

**RESIDENT HUNTERS:**

1 ram with full-curl horn or

larger, by youth hunt only; or

Aug. 1—Aug. 5

1 ram with full-curl horn or

larger

Aug. 10—Sept. 20

**NONRESIDENT HUNTERS:**

1 ram with full-curl horn or

larger, every 4 regulatory years,

by youth hunt only; or

Aug. 1—Aug. 5

1 ram with full-curl horn or

larger, every 4 regulatory years

Aug. 10—Sept. 20

... • • •

**Unit 25(A) within the Dalton**

**Highway Corridor Management**

**Area**

**RESIDENT HUNTERS:**

**1 ram with full-curl horn or**

**larger, by youth hunt only; or**

**Aug. 1—Aug. 5**

**1 ram with full-curl horn or**

larger; or

Aug. 10—Oct. 5

1 ram with 3/4-curl horn or less

Oct. 1—Apr. 30

by registration permit only

**NONRESIDENT HUNTERS:**

1 ram with full-curl horn or

larger, every 4 regulatory years,

by youth hunt only; or

Aug. 1—Aug. 5

1 ram with full-curl horn or

larger, every 4 regulatory years

Aug. 10—Oct. 5

Unit 25(A), that portion within

the Eastern Brooks Range

Management Area

**RESIDENT HUNTERS:**

1 ram with full-curl horn or

Aug. 1—Aug. 5

larger, by youth hunt only; or

1 ram with full-curl horn or

Aug. 10—Sept. 20

larger, every 4 regulatory years,

by drawing permit only; or

1 ram with 3/4-curl horn or less,

Oct. 1—Apr. 30

every 4 regulatory years,

by registration permit only

**NONRESIDENT HUNTERS:**

1 ram with full-curl horn or

Aug. 10—Sept. 20

larger, every 4 regulatory years,

by drawing permit only

Unit 25(A) east of the Middle Fork

of the Chandalar River, excluding

the Eastern Brooks Range

Management Area

**RESIDENT HUNTERS:**

1 ram with full-curl horn or

Aug. 1—Aug. 5

larger, by youth hunt only; or

1 ram with full-curl horn or

Aug. 10—Sept. 20

larger; or

1 ram with 3/4-curl horn or less

Oct. 1—Apr. 30

by registration permit only

**NONRESIDENT HUNTERS:**

**1 ram with full-curl horn or**  
**larger, every 4 regulatory years,**  
**by youth hunt only; or**  
**1 ram with full-curl horn or**  
**larger, every 4 regulatory years**

**Aug. 1—Aug. 5**

**Aug. 10—Sept. 20**

**Remainder of** Unit 25(A)

**RESIDENT HUNTERS:**

**1 ram with full-curl horn or**  
**larger, by youth hunt only; or**

**Aug. 1—Aug. 5**

1 ram with full-curl horn

Aug. 10—Sept. 20

or larger may be taken

Oct. 1—Apr. 30

only from Aug. 10 - Sept. 20;

**1 ram with 3/4-curl horn or less**

[UP TO 3 SHEEP MAY BE

TAKEN] by registration permit

only Oct. 1 - April 30[; OR

1 RAM WITH FULL-CURL HORN

[AUG. 1—AUG. 5]

OR LARGER, BY YOUTH

HUNT ONLY;]

...

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Unit 26(C)

RESIDENT HUNTERS:

1 ram with full-curl horn or

larger, by youth hunt only; or

Aug. 1—Aug. 5

1 ram with full-curl

Aug. 10—Sept. 20

horn or larger may be

Oct. 1—Apr. 30

taken only from Aug. 10 –

Sept. 20; 1 ram with 3/4-curl

horn or less [UP TO 3 SHEEP

MAY BE TAKEN] by registration

permit only Oct. 1 – April 30[; OR

1 RAM WITH FULL-CURL HORN

[AUG. 1—AUG. 5]

OR LARGER, BY YOUTH

HUNT ONLY]

Publisher: The remainder of 5 AAC 85.055(a)(10) is unchanged.

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 8/10/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 5/13/93, Register 126; am 7/1/93, Register 126; am 4/25/96, Register 138; am 6/28/96, Register 138; am 10/23/96, Register 140; am 7/26/97, Register 143; am 7/1/98, Register 146; am 7/1/99, Register 150; am 7/1/2000, Register 154; am 7/1/2001, Register 158; am 7/1/2002, Register 162; am 7/1/2003, Register 166; am 11/28/2003, Register 168; am 7/1/2006, Register 178; am 12/1/2007, Register 184; am 7/1/2008, Register

186; am 7/1/2011, Register 198; am 7/1/2015, Register 214; am 7/1/2016, Register 218; am 7/1/2017, Register 222; am 7/1/2019, Register 230; am 7/1/2020, Register 234)

**Authority:** AS 16.05.060

AS 16.05.255

AS 16.05.258

5 AAC 85.056(a)(2) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(2)		
...		
Units 12, 20, and 25(C)		
10 wolves as follows:		
Units 12, remainder of 20,		
and 25(C)	<u>Aug. 1 – Apr. 30</u>	<u>Aug. 1 – Apr. 30</u>
	[AUG. 10 - MAY 31]	[AUG. 10 - MAY 31]

20(c) [20(c)]

Unit <sup>^</sup>~~20(c)~~, that portion west of a

line beginning at 63° 48.146' N.

lat., 148° 59.934' W. long.,

north to 63° 49.445' N. lat.,

148° 59.935' W. long., then west

to 63° 49.445' N. lat., 149°

12.699' W. long., then north to 63°

54.642' N. lat., 149° 12.699' W.

long., and bounded on the

south, west, and north by Denali

National Park

Aug. 10 - Apr. 15

Aug. 10 - Apr. 15

Units 21 and 24

Aug. 1 - Apr. 30

Aug. 1 - Apr. 30

10 wolves

[AUG. 10 - MAY 31]

[AUG. 10 - MAY 31]

Units 25(A), 25(B), and 25(D)

Aug. 1 - Apr. 30

Aug. 1 - Apr. 30

10 wolves

[AUG. 10 - MAY 31]

[AUG. 10 - MAY 31]

Unit 19

Aug. 1 - Apr. 30

Aug. 1 - Apr. 30

10 wolves

[AUG. 10 - MAY 31]

[AUG. 10 - MAY 31]

...

((Publisher: The remainder of 5 AAC 85.056(a)(2) is unchanged.)))

5 AAC 85.056(a)(3) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(3)		
Unit 26(A)	Aug. 10 - Apr. 30	Aug. 10 - Apr. 30
10 wolves		

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Units 26(B) and 26(C)

Aug. 1 - Apr. 30

Aug. 1 - Apr. 30

10 wolves

(Eff. 8/20/89, Register 111; am 8/5/90, Register 115; am 8/9/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 7/1/92, Register 122; am 5/13/93, Register 126; am 8/25/94, Register 131; am 8/4/95, Register 135; am 7/1/97, Register 142; am 7/1/99, Register 150; am 7/1/2000, Register 154; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; am 7/1/2003, Register 166; add'l am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 7/1/2005, Register 174; add'l am 7/1/2005, Register 174; am 7/1/2006, Register 178; am 7/1/2008, Register 186; am 7/1/2009, Register 190; em am 5/27/2010 - 9/23/2010, Register 194; am 3/1/2011, Register 197; am 5/14/2011, Register 198; am 7/1/2011, Register 198; add'l am 7/1/2011, Register 198; am 7/1/2012, Register 202; add'l am 7/1/2012, Register 202; am 7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2016, Register 218; am 7/1/2020, Register 234)

Authority:

← AS 16.05.255 ← AS 16.05.258

5 AAC 85.065(a)(1) is amended to read:

Units and Bag Limits	Resident Open Season (Subsistence and General Hunts)	Nonresident Open Season
(1)  Grouse (spruce, blue,  ruffed, and sharp-tailed)		

...

Unit 20(D), that portion lying  
west of the east bank of the  
Johnson River and south of the  
north bank of the Tanana River

...

5 [15] per day, 15 in possession,

Aug. 25 - Mar. 31

Aug. 25 - Mar. 31

of which not more than 10 [5] may be

ruffed grouse or sharp-tailed grouse[,

30 IN POSSESSION, OF WHICH NOT

MORE THAN 10 MAY BE SHARP-

TAILED GROUSE]; however, a season

may be announced by emergency

order during which the bag

limit is less than 5[15] grouse

per day, 15[30] in possession, and

less than 10[5] ruffed grouse or sharp-tailed

grouse <sup>per</sup> DAY, 10 ]in possession

...

(( Publisher: The remainder of 5 AAC 85.065(1) is unchanged. ))

(Eff. 8/20/89, Register 111; am 9/1/89, Register 111; am 8/9/90, Register 115; am 8/12/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 7/1/92, Register 122; am 5/13/93, Register 126; am 7/1/93, Register 126; am 8/25/94, Register 131; am 8/31/94, Register 131; am 9/8/94, Register 131; am 7/8/95, Register 135; am 7/9/95, Register 135; am 8/1/95, Register 135; am 8/4/95, Register 135; am 6/28/96, Register 138; am 8/26/96, Register 139; am 7/18/97, Register 143; am 7/26/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 8/6/98, Register 147; am 7/1/99, Register 150; am 7/7/99, Register 151; am 7/17/99, Register 151; am 9/29/99, Register 151; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 7/24/2000, Register 155; am 7/6/2001, Register 159; am 10/27/2001, Register 160; am 7/1/2002, Register 162; am 7/1/2005, Register 174; am 8/31/2005, Register 175; am 8/31/2006, Register 179; am 8/31/2007, Register 183; am 8/31/2008, Register 187; am 7/1/2009, Register 190; am 8/31/2009, Register 191; am 9/1/2009, Register 191; am 7/1/2010, Register 194; am 8/31/2011, Register 199; am 7/1/2012, Register 202; am 8/31/2013, Register 207; am/readopt 8/31/2014, Register 211; am 9/2/2014, Register 211; am 7/1/2015, Register 214; am 8/31/2015, Register 216; am 8/31/2016, Register 219; am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; am 7/1/2020 Register 234, add'l am 7/1/2020, Register 234)

**Authority:** AS 16.05.060

AS 16.05.255

AS 16.05.258

## *Chapter 92. Statewide Provisions*

### **Article 1. General.**

5 AAC 92.003 is amended by adding a new subsection to read:

Register 234 July 2020

FISH AND GAME

*((no bold/underline)))* { **(n) A nonresident hunter in Units 21(A) and 21(E) must have attended a department-approved hunter orientation course (to include trophy recognition and meat care) before hunting moose or must be accompanied by a registered guide.**

(Eff. 7/26/97, Register 143; am 7/1/99, Register 150; am 7/1/2000, Register 154; am 7/1/2001, Register 158; am 7/1/2002, Register 162; am 7/1/2004, Register 170; am 7/1/2005, Register 174; am 7/1/2006, Register 178; am 7/1/2010, Register 194; am 7/1/2012, Register 202; am 7/1/2014, Register 210; am 7/1/2016, Register 218; am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2020, Register 234)

Authority:

← AS 16.05.255

← AS 16.55.020

Article 3. Permits.

5 AAC 92.044(b)(1) is amended to read:

(1) a person may establish a black bear bait station, or a black and brown bear bait station in Units 7, 11, 12, 13, 14(A), 14(B), *that portion of the remainder of* 14(C) remainder, excluding Glacier Creek drainage outside of Chugach State Park, 15, 16, 18, 19(A), 19(D), 20(A), 20(B), 20(C), that portion of 20(D) north of the Tanana River, 20(E), 20(F), *((no bold/underline))* 21(C), 21(D), 23, 24(C), 24(D), 25(C), and 25(D), only if that person obtains a permit under this section;

(Eff. 7/1/2004, Register 170; am 12/30/2004, Register 172; am 7/1/2005, Register 174; am 5/21/2009, Register 190; am 7/1/2009, Register 190; am 4/14/2010, Register 194; am 7/1/2010,

Register 194; am 3/1/2011, Register 197; am 7/1/2011, Register 198; add'l am 7/1/2011, Register 198; am 4/8/2012, Register 201; am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; am 7/1/2015, Register 214; am 7/1/2016, Register 218; am 7/1/2017, Register 222; add'l am 7/1/2017, Register 222; am 7/1/2018, Register 226; add'l am 7/1/2018, Register 226; am 7/1/2020, Register 234; add'l am 7/1/2020, Register 234)

**Authority:**

AS 16.05.255

AS 16.05.330

5 AAC 92.062(c) is amended to read:

(c) An applicant for a Tier II subsistence hunting permit must be a resident at least 10 years old. If the board considers it necessary or advisable, the board may limit the number of Tier II permits issued to a household. No more than one Tier II permit may be issued to a household for moose or musk oxen hunts, and no more than three Tier II permits may be issued to a household for caribou hunts, except that in Unit 13, no more than two permits may be issued to a household for caribou hunts. An individual may not hold more than one Tier II permit for a species. **In the Tier II hunt within that portion of Unit 19(A) within the Kuskokwim River drainage downstream from and including the George River drainage, and downstream from and excluding the Downey Creek drainage, any person in the household of the successful applicant may harvest the moose, and all members of the household must be listed on the application.**

(Eff. 8/9/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 6/27/91, Register 118; am 8/10/91, Register 119; am 5/15/93, Register 126; am 6/7/95, Register 135; am 7/16/95, Register 135; am 3/30/96, Register 137; am 6/28/96, Register 138; am 7/26/97, Register

143; am 7/1/99, Register 150; am 7/1/2004, Register 170; am 7/1/2006, Register 178; am

7/1/2007, Register 182; add'l am 7/1/2007, Register 182; am 7/1/2009, Register 190; am

7/1/2016, Register 218; am 7/1/2020, Register 234) (((Publisher: Replace period at end of  
S AAC 92.069(b)(4) with a semi-colon.)))

Authority: AS 16.05.255

AS 16.05.258

The section heading of S AAC 92.069 is amended to read:

S AAC 92.069. Special provisions for moose and caribou drawing permit hunts.

S AAC 92.069(b) is amended by adding a new paragraph to read:

(5) in Unit 21(E) a maximum of 30 percent of the nonresident drawing permits will

be issued to hunters using a registered guide, and a minimum of 70 percent of the

nonresident drawing permits to hunters not using a registered guide;

S AAC 92.069 is amended by adding a new subsection to read:

Article 3. Permits. is amended by adding a new section to read:

S AAC 92.073. Special provisions for caribou drawing permit hunts. <sup>(c)</sup> (a) in Unit 20(A) a

maximum of 25 percent of the available drawing permits will be issued to nonresidents,

and a minimum of 75 percent of the available drawing permits will be issued to residents.

Eff. 7/1/2020, Register 234)

Authority: AS 16.05.255

AS 16.05.407

AS 16.05.408

Eff. 11/1/2004, Register 172; am 12/30/2004, Register 172; am 12/1/2006, Register 180; am 7/1/2007, Register 182; am 12/2/2007, Register 184; am 7/1/2008, Register 186; am 7/13/2012, Register 203; am 7/1/2014, Register 210;

Article 4. Methods and Means.

(((Publisher: Please replace period at end of S AAC 92.080(17) with a semi-colon.)))

S AAC 92.080 is amended by adding a new paragraph to read:

(18) with the use of moose, caribou, and reindeer urine as scent lures, and while in

immediate personal possession of moose, caribou, or reindeer urine, including scent lures,

in Units 12, 19, 20, 21, 24, 25, 26(B), and 26(C).

The introductory language of S AAC 92.069(b) is amended to read:

(b) The department shall <sup>51</sup> issue moose drawing permits as follows:

...

(Eff. 7/5/85, Register 95; am 6/19/86, Register 98; am 8/8/87, Register 103; am 8/20/89, Register 111; am 8/12/90, Register 115; am 7/1/92, Register 122; readopt 5/13/93, Register 126; am 7/7/94, Register 131; am 4/25/96, Register 138; am 7/1/98, Register 146; am 7/1/2000, Register 154; 1st add'l am 7/1/2000, Register 154; 2nd add'l am 7/1/2000, Register 154; am 7/1/2001, Register 158; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 1/1/2005, Register 172; am 7/1/2005, Register 174; em am 1/26/2006 - 5/25/2006, Register 177; am 4/12/2006, Register 178; am 7/1/2006, Register 178; am 12/1/2006, Register 180; am 7/1/2007, Register 182; am 5/20/2008, Register 186; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; am 7/1/2009, Register 190; add'l am 7/1/2009, Register 190; am 7/1/2010, Register 194; am 7/1/2011, Register 198; am 7/1/2012, Register 202; am 7/1/2014, Register 210; am 7/1/2016, Register 218; am 7/1/2017, Register 222; am 7/1/2018, Register 226; add'l am 7/1/2018, Register 226; am 7/1/2019, Register 230; am 7/1/2020, Register 234)

Authority: AS 16.05.255

AS 16.05.258

AS 16.05.920

### Article 5. Intensive Management and Predator Control.

5 AAC 92.108 is amended to read:

*(((P1917)) - 5 AAC 92.108 Identified big game prey populations and objectives.*

Population

Finding

Population  
ObjectiveHarvest  
Objective

...

**Moose**

...

GMU 12	Positive	4,000 – 6,000	<u><b>150-250</b></u>
			[250-450]

...

GMU 20(D)	Positive	8,000 – 10,000	<u><b>250-500</b></u>
			[500-700]

...

((Publisher: The remainder of 5 AAC 92.108 is unchanged.)))

(Eff. 7/1/98, Register 146; am 7/1/99, Register 150; add'l am 7/1/99, Register 150; am 7/1/2000, Register 154; am 7/1/2001, Register 158; add'l am 7/1/2001, Register 158; am 8/22/2001, Register 159; am 7/1/2002, Register 162; add'l am 7/1/2002, Register 162; am 7/1/2004, Register 170; am 7/1/2006, Register 178; am 9/1/2006, Register 179; am 7/1/2009, Register 190; am 7/1/2010, Register 194; am 7/1/2012, Register 202; am 7/1/2013, Register 206; am 7/1/2016, Register 218; am 7/1/2017, Register 222; am 7/1/2020, Register 234)

Authority: AS 16.05.255

AS 16.05.258

AS 16.05.270

5 AAC 92.113 is amended to read:

5 AAC 92.113 Intensive Management Plans III.  
 ((**Bold**)))

^ (a) Plans established. Intensive management plans for the following <sup>areas are</sup> ~~area is~~ established in this section:  
 ((**Bold**)))

(1) Upper **Yukon-Tanana** [YUKON/TANANA] Predation Control Area in Units 12, 20(B), 20(D), 20(E), and 25(C);

(b) Upper **Yukon-Tanana** [YUKON/TANANA] Predation Control Area in Units 12, 20(B), 20(D), 20(E), and 25(C): the Upper **Yukon-Tanana** [YUKON/TANANA] Predation Control Area (UYTPCA) is established to increase the Fortymile Caribou Herd (FCH) throughout its range to aid in achieving intensive management (IM) objectives; the control area includes that portion of Unit 12 north of the Alaska Highway, that portion of Unit 20(D) within the Goodpaster River drainage upstream from and including the South Fork Goodpaster River drainage, and within the Healy River, Billy Creek, and Sand Creek drainages, that portion of Unit 20(B) within the Salcha River drainage upstream from and including the Goose Creek drainage, and within the Middle Fork of the Chena River drainage, all of Unit 20(E), and that portion of Unit 25(C) within the Birch Creek drainage upstream from the Steese Highway Bridge, and within the area draining into the south and west bank of the Yukon River upstream from the community of Circle, encompassing approximately 18,750 square miles; this predation control program does not apply to any National Park Service or National Wildlife Refuge lands unless approved by the federal agencies; notwithstanding any other provisions in this title, and based on the following information contained in this section, the commissioner or the commissioner's designee may conduct a wolf population reduction or wolf population regulation program in the UYTPCA in Units 12, 20(B), 20(D), 20(E), and 25(C):

(1) this is a continuing control program that was first authorized by the Board of Game in 2004 for wolf and brown bear control to increase the moose population and harvest in northern Unit 12 and in Unit 20(E); in 2006, wolf control was expanded by the board to

increase the FCH population and harvest in its entire range; in 2009 bear control was deleted from the program because control methods available at the time were ineffective; the control program it is currently designed to increase FCH caribou numbers and harvest by reducing predation on the FCH by wolves and is expected to make contributions to achieving the intensive management (IM) objectives for the FCH;

(2) caribou and wolf objectives are as follows:

(A) The IM population objective established by the board for the FCH is for a population of 50,000–100,000 caribou; the annual IM harvest objective established by the board for the FCH is 1,000–15,000 caribou; [THE FCH-IM POPULATION OBJECTIVES ESTABLISHED BY THE BOARD ARE FOR A POPULATION OF 50,000–100,000 CARIBOU AND AN ANNUAL HARVEST OF 1,000–15,000 CARIBOU;]

(B) the wolf population [CONTROL] objective for the wolf control area is 88–103 wolves; the pre-control wolf population in the wolf control area was estimated in fall of 2004 at 350–410 wolves; a minimum population of 88 wolves is approximately a 75 percent reduction from the pre-control wolf population and will ensure that wolves persist in the plan area;

(3) the board's findings concerning FCH populations and human use are as follows:  
(((( Bold/underline))))

(A) the FCH population and harvest are within the [LOWER] END OF THE range of IM objectives:

...

(E) reducing predation by wolves is likely to be effective and feasible utilizing recognized and prudent active management techniques and ~~is~~ based on scientific information;

...

(4) authorized methods and means are as follows:

(A) hunting and trapping of wolves by the public in the UYTPCA during the term of this program may occur as provided in the hunting and trapping regulations set out elsewhere in this title;

(B) notwithstanding any other provisions in this title, the commissioner may ]

(i) allow department employees to conduct aerial, land and shoot, or ground-based lethal removal of wolves, using state-owned, privately-owned, or chartered equipment, including helicopters, under AS 16.05.783;

(ii) issue public aerial shooting permits or public land and shoot permits using fixed-wing aircraft as a method of wolf removal under AS 16.05.783;

(iii) issue public permits to allow the use of privately-owned helicopters to trap and snare wolves, and retrieve wolves trapped, snared or shot under this program, including using a helicopter to land

and dispatch wolves on the ground that have been trapped, snared or  
wounded by fixed-wing permittees as a method of wolf removal under  
AS 16.05.783;

(5) time frame is as follows:

(A) during July 1, 2020–June 30, 2026 [THROUGH JUNE 30, 2020] the  
commissioner may authorize removal of wolves in the UYTPCA;

(B) annually, the department shall, to the extent practicable, provide to the  
board a report of program activities conducted during the preceding 12 months,  
including implementation activities, the status of the FCH and wolf populations,  
and recommendations for changes, if necessary to achieve objectives of the plan;

(( Publisher: The remainder of 5 AAC 92.113 is unchanged ))

(Eff. 10/1/93, Register 127; am 8/18/95, Register 135; am 7/1/96, Register 138; add'l am 7/1/96,  
Register 138; am 7/27/97, Register 143; am 2/22/2000, Register 153; am 7/1/2000, Register 154;  
am 7/19/2000, Register 155; am 1/3/2001, Register 156; am 7/1/2001, Register 158; am  
8/22/2001, Register 159; am 7/26/2003, Register 167; am 7/1/2004, Register 170; am 1/1/2005,  
Register 172; am 7/1/2005, Register 174; am 1/26/2006, Register 177; am 6/24/2006, Register  
178; am 9/1/2006, Register 179; am 7/1/2007, Register 182; am 3/21/2008, Register 186; am  
5/20/2008, Register 186; am 5/21/2009, Register 190; am 7/1/2009, Register 190; am 5/16/2010,  
Register 194; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; am 12/15/2010,  
Register 196; am 1/29/2011, Register 197; am 5/14/2011, Register 198; am 7/1/2011, Register  
198; am 3/24/2012, Register 201; am 4/1/2012, Register 201; am 7/1/2012, Register 202;  
7/1/2014, Register 210; am 7/1 /2020, Register 234)

Authority: AS 16.05.255

AS 16.05.270

AS 16.05.783

5 AAC 92.123(b) is amended to read:

*((( Publisher: Bold )))*  
(b) Unit 19(A) Predation Control Area: the Unit 19(A) Predation Control Area is established and consists of those portions of the Kuskokwim River drainage within Unit 19(A), encompassing approximately 9,972 [10,048] square miles; this predation control program does not apply ~~within~~ *to any* National Park Service or National Wildlife Refuge lands unless approved by the federal agencies; notwithstanding any other provision in this title, and based on the following information contained in this section, the commissioner or the commissioner's designee may conduct a wolf and black bear and brown bear population reduction or a wolf and black bear and brown bear population regulation program in Unit 19(A) to benefit moose:

(1) the following Wolf and Bear Predation Control Focus Areas are established in the Unit 19(A) Predation Control Area; the areas do not delineate a moose, wolf, or bear population and are not intended to distinguish animals within the areas from populations in Unit 19(A); the purpose is to focus wolf and bear control in a relatively small area where moose numbers can be better estimated, where moose are accessible to hunters, and where harvest can be closely monitored;

(A) the Wolf Predation Control Focus Area (WCFA) encompasses approximately 3,905 square miles within all Unit 19(A) drainages of the Kuskokwim River upstream from and including the Holitna River Drainage; wolf control will be conducted only within the WCFA; the department has the discretion to adjust the *focus*

area's size and shape to include up to approximately 4,400 [4,000] square miles of Unit 19(A);

...

(3) moose, wolf, black bear, and brown bear objectives are as follows:

...

(B) the density objective for moose in the WCFA is 1.0 moose<sup>✓</sup> [BCFA is 2.0] per square mile (corrected for sightability) during late winter surveys; the annual moose harvest objective for the WCFA is 155 [120] moose;

(C) the wolf control population objective in the WCFA is to reduce wolf numbers by at least 60–80 percent; the pre-control estimate within the WCFA is 75 wolves<sup>wolves</sup>; the pre-control wolf population in Unit 19(A) is estimated at 150; only removing wolves from the WCFA will ensure that wolves persist in Unit 19(A); [THE POST-CONTROL WOLF POPULATION OBJECTIVE FOR UNIT 19(A) IS 25–30 WOLVES; THE PRE-CONTROL WOLF POPULATION IN UNIT 19(A) WAS ESTIMATED IN WINTER 2006–2007 AT 125–150 WOLVES; A MINIMUM WOLF POPULATION OF 25 WOLVES IS APPROXIMATELY AN 80 PERCENT REDUCTION FROM THE PRE-CONTROL WOLF POPULATION AND WILL ENSURE THAT WOLVES PERSIST IN THE PLAN AREA;]

(D) the black bear control objective in the BCFA is to reduce black bear numbers to the lowest level possible; the pre-control black bear population in Unit

19(A) is estimated at 2,500–3,000; the pre-control estimate within the BCFA is 92-102; because the BCFA is a relatively small geographic area, removing black bears from within the BCFA will have only a minor effect on the black bear population in Unit 19(A); [THE WOLF CONTROL POPULATION OBJECTIVE IN THE WCFA IS TO REDUCE WOLF NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL WOLF POPULATION ESTIMATE WITHIN THE WCFA IN WINTER 2006–2007 WAS 75–100 WOLVES;]

(E) the brown bear control objective in the BCFA is to reduce brown bear numbers to the lowest level possible; the pre-control brown bear population in Unit 19(A) is estimated at 180–210; the pre-control estimate within the BCFA is 10–15; because the BCFA is a relatively small geographic area, removing brown bears from within the BCFA will have only a minor effect on the brown bear population in Unit 19(A); [THE BLACK BEAR CONTROL POPULATION OBJECTIVE IN THE BCFA IS TO REDUCE BLACK BEAR NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL BLACK BEAR POPULATION IN UNIT 19(A) WAS ESTIMATED AT 2,500–3,000 BLACK BEARS; THE PRE-CONTROL BLACK BEAR POPULATION ESTIMATE WITHIN THE BCFA WAS 135–160 BLACK BEARS; BECAUSE THE BCFA IS A RELATIVELY SMALL GEOGRAPHIC AREA, REMOVING BLACK BEARS FROM WITHIN THE BCFA WILL HAVE ONLY A MINOR EFFECT ON THE BLACK BEAR POPULATION IN UNIT 19(A);]

[(F) THE BROWN BEAR POPULATION CONTROL OBJECTIVE IN THE BCFA IS TO REDUCE BROWN BEAR NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL BROWN BEAR POPULATION IN UNIT 19(A) WAS ESTIMATED AT 180–200 BROWN BEARS; THE PRE-CONTROL BROWN BEAR POPULATION ESTIMATE WITHIN THE BCFA WAS 10–15 BROWN BEARS; BECAUSE THE BCFA IS A RELATIVELY SMALL GEOGRAPHIC AREA, REMOVING BROWN BEARS FROM WITHIN THE BCFA WILL HAVE ONLY A MINOR EFFECT ON THE BROWN BEAR POPULATION IN UNIT 19(A);]

(4) board findings concerning populations and human use are as follows:

(A) the Unit 19(A) IM moose population and harvest <sup>[IM]</sup>objectives have not been achieved;

(B) the WCFA objectives for moose density and moose harvest have not been achieved; [THE BCFA OBJECTIVES FOR MOOSE DENSITY AND MOOSE HARVEST HAVE NOT BEEN ACHIEVED;]

(C) predation by wolves and bears is an important cause of the failure to achieve moose population and harvest objectives;

...

(E) reducing predation is likely to be effective and feasible using recognized and prudent active management techniques and are based on scientific information;

...

(6) time frame is as follows:

(A) through June 30, 2026, [JUNE 30, 2020,] the commissioner may authorize removal of wolves and black bears and brown bears in Unit 19(A);

...

(7) the commissioner will review, modify, or suspend program activities <sup>when:</sup> as follows:

{WHEN: {

(A) when the moose density and harvest objectives specified in this subsection are achieved within the WCFA; [WOLF SURVEYS OR ACCUMULATED INFORMATION FROM DEPARTMENT PERSONNEL, HUNTERS, TRAPPERS, AND PERMITTEES INDICATE THE NEED TO AVOID REDUCING WOLF NUMBERS IN UNIT 19(A) BELOW THE CONTROL OBJECTIVE OF 25-30 WOLVES SPECIFIED IN THIS SUBSECTION;]

(11 no bold (U))

(B) when any measure consistent with signs of nutritional stress in the moose population are identified. [ THE MOOSE DENSITY AND HARVEST OBJECTIVES WITHIN THE BCFA SPECIFIED IN THIS SUBSECTION ARE ACHIEVED.]



5 AAC 92.123(c) is amended to read:

((( Bold )))

(c) Unit 19(D)-East Predation Control Area: the Unit 19(D)-East Predation Control Area is established and consists of those portions of the Kuskokwim River drainage within Unit 19(D) upstream from the Selatna River drainage, but excluding [AND] the Black River drainage, encompassing approximately 8,513 square miles; this predation control program does not apply to any National Park Service or National Wildlife Refuge lands unless approved by the federal agencies; notwithstanding any other provisions in this title, and based on the following information contained in this section, the commissioner or the commissioner's designee may conduct a wolf and a black bear and a brown bear population reduction or a wolf and a black bear and a brown bear population regulation program in Unit 19(D)-East to benefit moose:

(1) the following Wolf and Bear Control Focus Areas are established in the Unit 19(D)-East Predation Control Area; the areas do not delineate a moose, wolf, or bear population and are not intended to distinguish animals within the focus areas from populations in Unit 19(D)-East; the purpose is to focus wolf and bear control in a relatively small area where moose numbers can be better estimated, where moose are accessible to hunters, and where harvest can be closely monitored;

(A) the Wolf Control Focus Area (WCFA) encompasses approximately 5,579 square miles within that portion of Unit 19(D) upstream of the Selatna River drainage, but excluding the Black River drainage, and downstream of but not including Fourth of July Creek, the Swift Fork, or the Slow Fork and Tonzona River drainages east of 153° 10' 10.00' W. long. wolf control will be conducted only within the WCFA; the department will have the discretion to adjust its size and shape to include up to approximately 6,000 square miles of Unit 19(D)-East; [4,500 SQUARE MILES WITHIN THAT PORTION OF UNIT 19(D) UPSTREAM OF,

BUT NOT INCLUDING, THE BLACK RIVER DRAINING AND UPSTREAM OF AND INCLUDING THE LITTLE SELATNA RIVER DRAINAGE AND DOWNSTREAM OF, BUT NOT INCLUDING, FOURTH OF JULY CREEK, SODA CREEK, SLOW FORK, AND TONZONA RIVER DRAINAGES, SURROUNDING THE VILLAGES OF MCGRATH, TAKOTNA, MEDFRA AND NIKOLAI; WOLF CONTROL WILL BE CONDUCTED ONLY WITHIN THE WCFA; THE DEPARTMENT WILL HAVE THE DISCRETION TO ADJUST THE WCFA'S SIZE AND SHAPE TO INCLUDE UP TO APPROXIMATELY 5,100 SQUARE MILES OF UNIT 19(D)-EAST;]

...

(3) moose, wolf, black bear, and brown bear objectives are as follows:

...

(B) the density objective for moose in the WCFA is 1.0 moose per square mile (corrected for sightability) in fall surveys; the annual harvest objective for the WCFA is 225 moose; [BCFA IS 2.0 PER SQUARE MILE (CORRECTED FOR SIGHTABILITY) IN FALL SURVEYS; THE ANNUAL HARVEST OBJECTIVE FOR THE WCFA IS 180 MOOSE;]

(C) the wolf control objective in the WCFA is to reduce wolf numbers by at least 60–80 percent; the pre-control wolf population in Unit 19(D)-East was estimated in February 2001 at 198 wolves; the 2001 pre-control estimate within the WCFA is 130 wolves; only removing wolves from the WCFA will ensure

that wolves persist in Unit 19(D)-East; [THE POST-CONTROL WOLF POPULATION OBJECTIVE FOR UNIT 19(D)-EAST IS 40 WOLVES REMAINING; THE PRE-CONTROL WOLF POPULATION IN UNIT 19(D)-EAST WAS ESTIMATED IN FEBRUARY 2001 AT 198 WOLVES; A MINIMUM POPULATION OF 40 WOLVES IS APPROXIMATELY AN 80 PERCENT REDUCTION FROM THE PRE-CONTROL WOLF POPULATION AND WILL ENSURE THAT WOLVES PERSIST IN THE PLAN AREA;]

(D) the black bear control objective in the BCFA is to reduce black bear numbers to the lowest level possible; the pre-control black bear population in Unit 19(D)-East was estimated at 1,700; <sup>black bears</sup> the pre-control black bear population estimate within the BCFA was approximately 130; <sup>black bears</sup> because the BCFA is a relatively small geographic area, removing black bears from within the BCFA will have only a minor effect on the black bear population in Unit 19(D)-East; [THE WOLF CONTROL POPULATION OBJECTIVE IN THE WCFA IS TO REDUCE WOLF NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL WOLF POPULATION ESTIMATE WITHIN THE WCFA IN 2001 WAS 68 WOLVES;]

(E) the brown bear control objective in the BCFA is to reduce brown bear numbers to the lowest level possible; the pre-control brown bear population in Unit 19(D)-East was 128; <sup>brown bears</sup> the pre-control brown bear population estimate within the BCFA was 9; <sup>nine</sup> because the BCFA is a relatively small geographic area, removing brown bears from within the BCFA will have only a minor effect on the brown bear population in Unit 19(D)-East; [THE BLACK BEAR CONTROL

POPULATION OBJECTIVE IN THE BCFA IS TO REDUCE BLACK BEAR NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL BLACK BEAR POPULATION IN UNIT 19(D)-EAST WAS ESTIMATED AT 1,700 BLACK BEARS; THE PRE-CONTROL BLACK BEAR POPULATION ESTIMATE WITHIN THE BCFA WAS APPROXIMATELY 130 BLACK BEARS; BECAUSE THE BCFA IS A RELATIVELY SMALL GEOGRAPHIC AREA, REMOVING BLACK BEARS FROM WITHIN THE BCFA WILL HAVE ONLY A MINOR EFFECT ON THE BLACK BEAR POPULATION IN UNIT 19(D)-EAST;]

(F) THE BROWN BEAR POPULATION CONTROL OBJECTIVE IN THE BCFA IS TO REDUCE BROWN BEAR NUMBERS TO THE LOWEST LEVEL POSSIBLE; THE PRE-CONTROL BROWN BEAR POPULATION ESTIMATE WITHIN THE BCFA WAS NINE BROWN BEARS; BECAUSE THE BCFA IS A RELATIVELY SMALL GEOGRAPHIC AREA, REMOVING BROWN BEARS FROM WITHIN THE BCFA WILL HAVE ONLY A MINOR EFFECT ON THE BROWN BEAR POPULATION IN UNIT 19(D)-EAST;]

(4) board findings concerning populations and human use are as follows:

(A) the Unit 19(D)-East moose harvest objective has not been achieved;  
[THE UNIT 19(D)-EAST MOOSE POPULATION AND HARVEST OBJECTIVES HAVE NOT BEEN ACHIEVED;]

(B) the WCFA objective for moose harvest has not been achieved; THE BCFA OBJECTIVES FOR MOOSE DENSITY AND MOOSE HARVEST HAVE NOT BEEN ACHIEVED;]

(C) predation by wolves and bears is an important cause of the failure to achieve [POPULATION AND] harvest objectives;

...

*((( Publisher: No changes to (E)))*

(E) reducing predation is likely to be effective and feasible using recognized and prudent active management techniques and is based on scientific information;

...

(6) time frame is as follows:

(A) through June 30, 2026, [JUNE 30, 2020,] the commissioner may authorize removal of wolves and black bears and brown bears in Unit 19(D)-East;

(B) annually, the department shall, to the extent practicable, provide to the board a report of program activities conducted during the preceding 12 months, including implementation activities, the status of the moose, wolf, and bear populations, and recommendations for changes, if necessary, to achieve the objectives of the plan;

(7) the commissioner will review, modify, or suspend program activities as follows: <sup>when:</sup>  
[WHEN:]

(A) when the moose density and harvest objectives specified in this subsection are achieved within the WCFA; [THE WOLF SURVEYS OR ACCUMULATED INFORMATION FROM DEPARTMENT PERSONNEL, HUNTERS, TRAPPERS, AND PERMITTEES INDICATE THE NEED TO AVOID REDUCING WOLF NUMBERS IN UNIT 19(D)-EAST BELOW THE CONTROL OBJECTIVE OF 40 WOLVES SPECIFIED IN THIS SUBSECTION;]

(B) when any measure consistent with signs of nutritional stress in the moose population are identified. [THE MOOSE DENSITY AND HARVEST OBJECTIVES WITHIN THE BCFA SPECIFIED IN THIS SUBSECTION ARE ACHIEVED.]

~~Publisher: The remainder of 5 AAC 92.123 is unchanged.~~

(Eff. 10/1/93, Register 127; am 8/18/95, Register 135; am 7/1/96, Register 138; add'l am 7/1/96, Register 138; am 7/27/97, Register 143; am 2/22/2000, Register 153; am 7/1/2000, Register 154; am 7/19/2000, Register 155; am 1/3/2001, Register 156; am 7/1/2001, Register 158; am 8/22/2001, Register 159; am 7/26/2003, Register 167; am 7/1/2004, Register 170; am 1/1/2005, Register 172; am 7/1/2005, Register 174; am 1/26/2006, Register 177; am 6/24/2006, Register 178; am 9/1/2006, Register 179; am 7/1/2007, Register 182; am 3/21/2008, Register 186; am 5/20/2008, Register 186; am 5/21/2009, Register 190; am 7/1/2009, Register 190; am 5/16/2010, Register 194; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; am 12/15/2010, Register 196; am 1/29/2011, Register 197; am 5/14/2011, Register 198; am 7/1/2011, Register

198; am 3/24/2012, Register 201; am 4/1/2012, Register 201; am 7/1/2012, Register 202; am 7/1/2014, Register 210; am 7/1/2020, Register 234

**Authority:** AS 16.05.255

AS 16.05.270

AS 16.05.783

### Article 6. Possession and Transportation.

5 AAC 92.132 is amended to read:

**5 AAC 92.132 Bag limit for brown bears.** A person may not take more than one brown bear every four regulatory years, except that

(1) the bag limit for brown bear in Unit 1(C), Berners Bay drainages, Units 6 (except Unit 6(D)), 7, 11, 12, 13, 14(B), 14(C), that portion within the Chugach State Park Management Area, Units 15, 16(A), 18, 19(B), 19(C), 20 (except Unit 20(E)), [21, ]22(C), 24(A), 24(C), 24(D), [24,] 25(A), 25(B), 25(C), 26(B), and 26(C) is one bear per regulatory year; a bear taken in these units does not count against the one bear every four regulatory years' bag limit established for brown bears in other units; in Units 16(B), 19(A), 19(D), 20(E), 21, 22(A), 22(D), 22(E), 24(B), and 26(A) a person may take two brown bears per regulatory year; a bear taken in these units does not count against the one bear every four regulatory years' bag limit established for brown bears in other units;

(2) repealed 8/9/90;

(3) repealed 8/9/90;

(4) the bag limit for a resident hunting in Unit 9(B), all drainages in Unit 9(E) that drain into the Pacific Ocean between Cape Kumliun and the border of Unit 9(D) and Unit 9(E), Unit 17, Unit 18, that portion of Units 19(A) and 19(B) downstream of and including the

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*19(A) downstream of and including the Aniak River drainage,*

Aniak River drainage, [UNIT 21(D), ]Unit 22(C), Unit 24(A), Unit 24(C), and Unit

24(D)[AND UNIT 24] with a subsistence brown bear registration permit is one bear per

regulatory year; the bag limit for a resident hunting in Units 21, 22(D), 22(E), 24(B), and 26(A)

with a subsistence brown bear registration permit is two bears per regulatory year; a bear taken in

any of these units does not count against the one bear every four regulatory years' bag limit

established for brown bears taken under a resident tag;

(5) repealed 7/1/2004;

(6) a person may not take more than one brown bear, statewide, in any regulatory year, except that in Units 16(B), 17, 19(A), 19(D), 20(E), 21, 22(A), 22(B), 22(D), 22(E), 23,

24(B), 25(D), and 26(A), a person may take two brown bears per regulatory year[, AND

RESIDENTS MAY TAKE TWO BROWN BEARS PER REGULATORY YEAR IN UNIT

21(E)].

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 8/10/90, Register 115; am 12/27/90,

Register 116; am 7/1/92, Register 122; readopt 5/13/93, Register 126; am 7/7/94, Register 131;

am 7/26/97, Register 143; am 7/1/98, Register 146; am 7/1/2000, Register 154; add'l am

7/1/2000, Register 154; am 7/1/2001, Register 158; am 12/28/2001, Register 160; am 7/1/2002,

Register 162; am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register

170; am 7/1/2005, Register 174; am 7/1/2006, Register 178; am 7/1/2007, Register 182; am

12/1/2007, Register 184; am 7/1/2008, Register 186; am 7/1/2009, Register 190; am 7/13/2012,

Register 203; am 7/1/2013, Register 206; add'l am 7/1/2013, Register 206; am 7/1/2014, Register

210; am 7/1/2017, Register 222; add'l am 7/1/2017, Register 222; am 7/1/2020, Register 234

add'l am 7/1/2020, Register 234  
SMT

Authority: AS 16.05.255

AS 16.05.258

5 AAC 92.171(a) is amended to read:

(a) A person may not alter, possess, transport, or export from the state, the horns of a Dall sheep ram taken in any hunt where there is a horn configuration bag limit, the horns of a Dall sheep ram taken in Units 6 - 11 and Units 13 - 17, or the horns of a Dall sheep taken under a registration permit in Unit 19(C), unless the horns have been permanently sealed by a department representative within 30 days after the taking, or a lesser time if designated by the department[.]; **except the horns of a 3/4-curl or less sheep taken in the registration hunt in Units 25(A) and 26(C) do not need to be sealed.**

(Eff. 7/1/2004, Register 170; am 7/1/2006, Register 178; am 7/1/2009, Register 190; am 7/1/2011, Register 198; am 7/1/2013, Register 206; am 7/1/2014, Register 210; am 7/1/2020, Register 234)

Authority:

← AS 16.05.255

#### Article 7. Use of Game.

5 AAC 92.220(d)(3) is amended to read:

(3) for moose taken before October 1 in Units 13, 19, 21, 23, 24, and 25, [AND ]for caribou taken before October 1 in Units 13, 19, 21(A), 21(E), 23, 24, and 25(A), **and for bison taken before October 1 in Units 19, 21(A), and 21(E)**, the edible meat of the front quarters, hindquarters, and ribs must remain naturally attached to the bone until the meat has been transported from the field or is processed for human consumption;

(Eff. 7/5/85, Register 95; am 4/24/88, Register 106; am 8/20/89, Register 111; am 8/10/91, Register 119; am 7/1/92, Register 122; add'l am 7/1/92, Register 122; am 5/5/93, Register 126; readopt 5/13/93, Register 126; am 7/7/94, Register 131; am 6/28/96, Register 138; am 7/26/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 7/1/2000, Register 154; am 7/1/2001, Register 158; am 8/22/2001, Register 159; am 7/1/2002, Register 162; 1st add'l am 7/1/2002, Register 162; 2nd add'l am 7/1/2002, Register 162; am 7/25/2002, Register 163; am 7/1/2004, Register 170; am 1/26/2006, Register 177; am 6/24/2006, Register 178; am 7/1/2006, Register 178; am 7/1/2007, Register 182; add'l am 7/1/2007, Register 182; am 12/1/2007, Register 184; am 7/1/2008, Register 186; am 7/1/2009, Register 190; add'l am 7/1/2009, Register 190; am 7/1/2010, Register 194; am 8/2/2010, Register 195; am 7/1/2011, Register 198; am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2015, Register 214; am 7/1/2016, Register 218; am 7/1/2018, Register 226; am 7/1/2019, Register 230; add'l am 7/1/2019, Register 230; am 7 / 1 /2020, Register 234; add'l am 7 / 1 /2020, Register 234)

Authority: AS 16.05.255

AS 16.05.258

AS 16.05.920

AS 16.30.010

**Article 12. Restricted Areas.**

5 AAC 92.530(10) is amended by adding a new subparagraph to read:

...

(D) from April 15 through October 1, waterfowl on Chena Slough may be taken by falconry and bow and flu-flu arrow only;

5 AAC 92.530(13)(B) is amended to read:

~~(13) the Healy-Lignite Management Area:~~

(B) the area is open to hunting by bow and arrow only, and small game may be taken by shotgun and falconry;

5 AAC 92.530 is amended by adding a new paragraph to read:

*((( No bold / no underline )))*

(31) the Eastern Brooks Range Management Area consists of those portions of Unit 25(A) bounded on the east by the East Fork Chandalar River beginning at the confluence of Red Sheep Creek and proceeding southwesterly downstream to the confluence with Crow Nest Creek, continuing up Crow Nest Creek, through Portage Lake, to its confluence with the Junjik River, then down the Junjik River past Timber Lake and a larger tributary to a major, unnamed tributary northwesterly, for approximately <sup>six</sup> 6 miles where the stream forks into two roughly equal drainages, the boundary follows the easternmost fork proceeding almost due north to the headwaters and intersects the Continental Divide; the boundary then follows the Continental Divide easterly, through Carter Pass, then easterly and northeasterly approximately 62 miles along the divide to the headwaters of the most northerly tributary of Red Sheep Creek, then follows southerly along the divide designating the eastern extreme of the Red Sheep Creek drainage, and then to the confluence of Red Sheep Creek and the East Fork Chandalar River?

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 8/10/90, Register 115; am 8/12/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 7/1/92, Register 122;

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add'l am 7/1/92, Register 122; readopt 5/13/93, Register 126; am 7/7/94, Register 131; am 7/16/95, Register 135; am 4/25/96, Register 138; am 6/28/96, Register 138; am 7/26/97, Register 143; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 7/1/99, Register 150; am 7/1/2000, Register 154; am 7/1/2001, Register 158; add'l am 7/1/2001, Register 158; am 12/28/2001, Register 160; am 7/1/2002, Register 162; am 7/25/2002, Register 163; am 12/22/2002, Register 164; am 7/1/2003, Register 166; am 7/1/2004, Register 170; am 7/1/2005, Register 174; add'l am 7/1/2005, Register 174; am 7/27/2005, Register 175; am 9/12/2005, Register 176; am 7/1/2007, Register 182; 1st add'l am 7/1/2007, Register 182; 2nd add'l am 7/1/2007, Register 182; am 11/24/2007, Register 184; am 7/1/2008, Register 186; am 7/1/2009, Register 190; am 7/1/2011, Register 198; am 7/1/2012, Register 202; add'l am 7/1/2012, Register 202; am 7/1/2013, Register 206; 1st add'l am 7/1/2013, Register 206; 2nd add'l am 7/1/2013, Register 206; am 7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2015, Register 214; add'l am 7/1/2015, Register 214; am 7/1/2018, Register 226; am 7/1/2019, Register 230; am 7/1/2019, Register 230; add'l am 7/1/2019, Register 230; am 7/1/2020, Register 234; add'l am 7/1/2020, Register 234)

Authority: AS 16.05.255

AS 16.05.258

AS 16.05.789

5 AAC 92.540(3)(H)(ii) is amended to read:

(ii) the area is closed to the use of any motorized vehicle, except aircraft, for big game hunting, including the transportation of big game hunters, their hunting gear, or parts of big game from August 1 through October 31; however, this provision does not prohibit motorized

access, or transportation of game, on the Parks Highway, or the transportation into the area of game meat that has been processed for human consumption;

(Eff. 8/20/89, Register 111; am 8/9/90, Register 115; am 8/10/90, Register 115; am 12/27/90, Register 116; am 6/16/91, Register 118; am 8/10/91, Register 119; am 7/1/92, Register 122; am 7/1/93, Register 126; am 7/7/94, Register 131; am 4/25/96, Register 138; am 6/28/96, Register 138; am 7/1/96, Register 138; am 7/1/97, Register 142; am 7/1/98, Register 146; add'l am 7/1/98, Register 146; am 7/1/99, Register 150; am 7/1/2000, Register 154; add'l am 7/1/2000, Register 154; am 3/17/2001, Register 157; am 8/22/2001, Register 159; am 7/1/2002, Register 162; 1st add'l am 7/1/2002, Register 162; 2nd add'l am 7/1/2002, Register 162; am 7/25/2002, Register 163; am 7/1/2003, Register 166; am 7/1/2004, Register 170; add'l am 7/1/2004, Register 170; am 7/1/2005, Register 174; am 7/1/2006, Register 178; add'l am 7/1/2006, Register 178; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; am 7/1/2009, Register 190; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; am 7/1/2011, Register 198; add'l am 7/1/2011, Register 198; em am 9/9/2011 - 1/6/2012, Register 200; am 7/1/2014, Register 210; 1st add'l 7/1/2014, Register 210; 2nd add'l 7/1/2014, Register 210; am 7/1/2015, Register 214; am 7/1/2017, Register 222; add'l am 7/1/2017, Register 222; am 7/1/2018, Register 226; am 7/1/2019, Register 230; am 7 / 1 /2020, Register 234)

Authority:

← AS 16.05.255

## Part 7. Subsistence Hunting, Fishing, and Trapping.

**Chapter 99. Subsistence Uses.**

5 AAC 99.025(a)(9) is amended to read:

SPECIES & UNIT	FINDING	AMOUNT REASONABLY NECESSARY FOR SUBSISTENCE USES
<b>(9) Musk Oxen</b>		
Unit 18	negative	
<u><b>Units 21(D) and 24(D)</b></u>	<u><b>negative</b></u>	
Unit 22 and Unit 23, that portion south and west of Kobuk River drainage	positive	100 - 150, including 10-25 in Unit 22(E)
Unit 23, that portion north and west of the Kobuk River drainage	positive	18 - 22
Unit 26(B), that portion east of the Dalton Highway Corridor	positive	4
Unit 26(A) and Unit 26(B), that portion west of the Dalton Highway	positive	20

Corridor

Unit 26(C)

positive

15

5 AAC 99.025(a)(12)(B) is amended to read:

**SPECIES & UNIT****FINDING****AMOUNT  
REASONABLY  
NECESSARY FOR  
SUBSISTENCE  
USES****(12) Small Game**

(B) Grouse

Units 11, 12, 13, 15, 16, 19, and

positive

20 - 25, outside the

Anchorage-Matsu-Kenai and

Fairbanks Nonsubsistence Areas

5 AAC 99.025(a)(12)(C) is amended to read:

**SPECIES & UNIT****FINDING****AMOUNT  
REASONABLY  
NECESSARY FOR  
SUBSISTENCE  
USES****(12) Small Game**

(C) Ptarmigan

Units 9, 10, 11, 12, 13, 15,

positive

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16, 17, 19, and 20 - 26, outside  
the Anchorage-Matsu-Kenai and  
Fairbanks Nonsubsistence Areas

Unit 18	positive	3,000 - 23,000
Unit 22	positive	125 - 900

(Eff. 8/8/87, Register 103; am 7/14/88, Register 107; am 8/20/89, Register 111; am 10/27/90, Register 116; am 8/10/91, Register 119; am 5/13/93, Register 126; am 10/4/97, Register 144; am 7/1/98, Register 146; am 7/1/2000, Register 154; am 1/1/2001, Register 156; am 7/1/2001, Register 158; am 7/1/2002, Register 162; am 7/1/2003, Register 166; am 7/1/2004, Register 170; am 7/1/2006, Register 178; add'l am 7/1/2006, Register 178; am 7/1/2007, Register 182; add'l am 7/1/2007, Register 182; am 7/1/2008, Register 186; add'l am 7/1/2008, Register 186; am 7/1/2009, Register 190; add'l am 7/1/2009, Register 190; am 7/1/2010, Register 194; add'l am 7/1/2010, Register 194; am 7/1/2011, Register 198; am 7/1/2012, Register 202; 1st add'l am 7/1/2012, Register 202; 2nd add'l am 7/1/2012, Register 202; am 7/1/2014, Register 210; add'l am 7/1/2014, Register 210; am 7/1/2015, Register 214; <sup>am</sup> 7/1/2016, Register 218; am 7/1/2017, add'l am 7/1/2017; Register 222; Register 222; am 7/1/2018, Register 226; add'l am 7/1/2018, Register 226; am 7/1/2019, Register 230; add'l am 7/1/2019, Register 230; am        /        /2020, Register       ; add'l am 7 / 1 /2020, Register 234)

**Authority:** AS 16.05.255

AS 16.05.258

# MEMORANDUM

## State of Alaska Department of Law

**To:** The Honorable Kevin Meyer  
Lieutenant Governor

**Date:** May 28, 2020

**File No.:** 2019200577

**Tel. No.:** 465-3600

**From:** Susan R. Pollard *SRP*  
Chief Assistant Attorney General  
and Regulations Attorney  
Legislation and Regulations Section

**Re:** Board of Game Regulation re: 5 AAC  
84; 5 AAC 85; 5 AAC 92; 5 AAC 98  
and 5 AAC 99: Board of Game:  
March 6-14, 2020 Fairbanks  
Meeting:

The Department of Law has reviewed the attached regulations of the Alaska/Board of Game against the statutory standards of the Administrative Procedure Act. Based upon our review, we find no legal problems. This memorandum constitutes the written statement of approval under AS 44.62.060(b) and (c) that authorizes your office to file the attached regulations. The regulations were adopted by the Board of Game at the March 6 -14, 2020 meeting in Fairbanks and after the close of the public comment period. The regulations concern the use and taking of game for the Western, Arctic, and Interior Regions.

The certification of adoption states that these regulations *are to be effective July 1, 2020*.

The public notice and the certification of adoption both state that this action is not expected to require an increased appropriation. Therefore, a fiscal note under AS 44.62.195 is not required.

We have made some technical corrections to conform the regulations in accordance with AS 44.62.125. The corrections are shown on the attached copy of the regulations. While some of the corrections may look extensive, they are technical, do not change meaning, and were reviewed and approved by board staff. Our edit to 5 AAC 92.069 on page 51 is intended to preserve a section number for ch. 92, as that chapter is quite crowded. Accordingly, we have placed the substance of proposed 5 AAC 92.073 as a new subsection in 5 AAC 92.069; the board's intent and language regarding issuance of caribou drawing permits is retained.

SRP:srp

cc:

Honorable Doug Vincent-Lang, Commissioner  
Department of Fish and Game

Natalie Weber, Program Coordinator  
Department of Fish and Game

Kristy Tibbles, Executive Director  
Department of Fish and Game

Shellene Hutter, Fishery Regulations Program Coordinator  
Department of Fish and Game

Eddie Grasser, Director  
Division of Wildlife Conservation

Lieutenant Aaron Frenzel  
Department of Public Safety

Cheryl Brooking, Assistant Attorney General  
Department of Law

## ALASKA DEPARTMENT OF FISH &amp; GAME

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# NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE ALASKA BOARD OF GAME

**January 17-20, 2020, Western Arctic/Western Region Meeting**  
**March 6-14, 2020, Interior and Eastern Arctic Region Meeting**

The Alaska Department of Fish and Game (ADF&G) administers all programs and activities free from discrimination based on race, color, national origin, age, sex, religion, marital status, pregnancy, parenthood, or disability. The department administers all programs and activities in compliance with Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title II of the Americans with Disabilities Act of 1990, the Age Discrimination Act of 1975, and Title IX of the Education Amendments of 1972.

If you believe you have been discriminated against in any program, activity, or facility please write:

- ADF&G ADA Coordinator, P.O. Box 115526, Juneau, AK 99811-5526.

The department's ADA Coordinator can be reached via phone at the following numbers: (VOICE) 907-465-6077, (Statewide Telecommunication Device for the Deaf) 1-800-478-3648, (Juneau TDD) 907-465-3646, or (FAX) 907-465-6078.

- U.S. Fish and Wildlife Service, 4040 N. Fairfax Drive, Suite 300 Webb, Arlington, VA22203
- Office of Equal Opportunity, U.S. Department of the Interior, Washington DC 20240.

For information on alternative formats and questions on this publication, please contact the Alaska Department of Fish and Game, Boards Support Section at (907) 465-4110.

## NOTICE OF PROPOSED CHANGES IN THE REGULATIONS OF THE ALASKA BOARD OF GAME

The Alaska Board of Game proposes to adopt regulation changes in Title 5 of the Alaska Administrative Code, dealing with the use and taking of game. Regulations subject to board action are in 5 AAC 84, 85, 92, 98, and 99 for the Western, Arctic, and Interior Regions. The board will also address topics for other Game Management Units and statewide provisions including statewide reauthorization of antlerless moose hunts and brown bear tag fee exemptions as described below.

The following subject matter areas are to be addressed for the Western Arctic/Western Region (Game Management Units 18, 22, 23, and 26A) and the Interior and Eastern Arctic Region (Game Management Units 12, 19, 20, 21, 24, 25, 26B, and 26C):

- A. TRAPPING SEASONS AND BAG LIMITS for furbearers, including: Lynx and wolverine.
- B. HUNTING SEASONS AND BAG LIMITS for all species including: Moose, muskox, caribou, black bear, brown bear, Dall sheep, wolf, and small game. In addition, the potential for identifying general, Tier I or Tier II hunting for each population, and the reauthorization of antlerless moose hunts.
- C. LICENSES, HARVEST TICKETS, HARVEST REPORTS, TAGS, FEES, AND PERMITS including: Discretionary and required permit hunting and trapping conditions and procedures including trophy destruction of moose antlers; special provisions for moose and Dall sheep permit hunts; permits for hunting bear with the use of bait or scent lures; big game tag requirements; and hunter education requirements.
- D. METHODS AND MEANS FOR TAKING BIG GAME, GAME, FUR ANIMALS, AND FURBEARERS, including: Lawful and unlawful methods of taking big game, game, and furbearers including with the use of crossbows, snow machines, boats under power, off-road vehicles, urine as scent lures, dogs, and minimum sized calibers for rifles and ammunition. In addition, restrictions on the use of traps near dwellings and other trapping requirements.
- E. POSSESSION, TRANSPORTATION, AND USE OF GAME including: Salvage and sealing requirements; restrictions on the sale of antlers; and allowing the use of game birds as bait.
- F. RESTRICTED AREAS including: Areas closed to hunting and trapping including closed areas for taking wolves near Denali National Park. Management areas including the Dalton Highway Corridor and Healy-Lignite Management Areas and establishing new management areas for Arctic Village, Stampede Trail, and Badger Slough areas. Controlled use areas including the Wood River and Yanert Controlled Use Areas, restrictions for the use of boats in the Holitna-Hoholitna Controlled Use Area and establishing a new controlled use area in the Kaiyuh Flats area.
- G. INTENSIVE MANAGEMENT AND PREDATOR CONTROL IMPLEMENTATION PLANS including: Prey populations and populations having a positive finding as identified big game prey populations, and predation control areas implementation plans including reauthorizing existing programs and establishing new programs.
- H. CUSTOMARY AND TRADITIONAL USES OF GAME POPULATIONS AND AMOUNTS REASONABLY NECESSARY FOR SUBSISTENCE including for: Bear, muskoxen, Alaska hares, migratory game birds and waterfowl, and grouse and ptarmigan.
- I. ADDITIONAL TOPICS: In addition to items described above, the Board of Game will address the following topics for other units which were approved through the agenda change request process, or in the case of antlerless moose hunts and brown bear tag fees, must be authorized annually: Annual reauthorization of

antlerless moose hunts and brown bear tag fee exemptions for all units statewide; and requirements for big game tags.

The board will also take action on non-regulatory items during the meetings such as resolutions, findings, letters, and delegations. Miscellaneous actions occur typically at the end of the meeting under miscellaneous business but action may occur earlier in the meeting.

The proposed regulation changes are available on the Board of Game meeting information websites at [www.adfg.alaska.gov/index.cfm?adfg=gameboard.meetinginfo](http://www.adfg.alaska.gov/index.cfm?adfg=gameboard.meetinginfo) or from the ADF&G Boards Support Section Office at (907) 465-4110. Additional information will be added to the meeting websites as it becomes available for each meeting.

You may comment on the proposed regulations including the potential costs to private persons of complying with the proposed changes by submitting written comments, limited to no more than 100 single sided or 50 double sided pages. Written comments can be submitted to the Board of Game online at [www.boardofgame.adfg.alaska.gov](http://www.boardofgame.adfg.alaska.gov); by fax to (907) 465-6094; or by email to [dfg.bog.comments@alaska.gov](mailto:dfg.bog.comments@alaska.gov) (PDF format only). Comments can also be mailed to the Alaska Board of Game, ADF&G Boards Support Section at P.O. Box 115526, Juneau, AK 99811-5526.

**Comments must include a first and last name, community of residence, and the proposal numbers for which the comments pertain.** Comments without this information will not be part of the board meeting workbook, indexed, or cross referenced with proposals, but they will be compiled and posted on the meeting information website. Written comments that are submitted are public records and are subject to public inspection.

**The deadlines for receiving comments are January 3, 2020 for the Western Arctic/Western Region meeting, and February 21, 2020 for the Interior and Eastern Arctic Region meeting.** Submission of written comments after the announced deadlines is limited to ten single-sided or five double-sided pages in length from any one individual or group and will be provided to the board members at the beginning of the meeting. During the meeting, written comments may be submitted by hand delivery if 20 copies are provided. Individuals not in attendance at a meeting may fax comments to 907-465-6094. As a practical matter, comments submitted after the board begins deliberations on relevant proposals are likely to receive less consideration than comments submitted earlier.

The Board of Game shall consider all factual, substantive, and relevant comments in accordance with the Administrative Procedure Act, Alaska Statute 44.62.210. Comments having disparaging statements or personal attacks will be withheld or redacted.

The public hearing portion of the meetings is scheduled at the beginning of each meeting following staff reports, and will continue until everyone who has signed up and is present when called has been given the opportunity to be heard. However, state advisory committee representatives may elect to provide testimony at a later portion of the meetings. Additional public hearings may be held throughout the meetings just before consideration and adoption of proposed changes in the regulations. The board will take oral testimony only from those who register before the cut-off time announced by the board chair at the meeting. The length of oral statements may be limited to three to five minutes, or less for the public and 10 to 15 minutes or less for fish and game advisory committee and regional advisory council representatives. Everyone interested in, or affected by, the subject matter contained in this legal notice should provide written or oral comments if they wish to have their views considered by the board.

## TENTATIVE BOARD OF GAME MEETING DATES & LOCATIONS

### Western Arctic/Western Region Meeting

January 17-20, 2020  
Mini Convention Center  
409 River Street  
Nome, Alaska 99762

### Interior and Eastern Arctic Region Meeting

March 6-14, 2020  
Pike's Waterfront Lodge  
1850 Hoselton Drive  
Fairbanks, Alaska 99709

Any changes to meeting location, dates or times, or rescheduling of topics or subject matter will be announced by news release and posted on the board's website. Please watch for these announcements or call (907) 465-4046. Please carefully review the **PROPOSAL INDEX** and the **additional proposal listing on the above-mentioned websites** for all specific proposal issues to be addressed by the board.

Anyone interested in or affected by subsistence and general hunting or trapping regulations is hereby informed that, by publishing this legal notice the Board of Game may consider any or all of the subject areas covered by this notice. **THE BOARD IS NOT LIMITED BY THE SPECIFIC LANGUAGE OR CONFINES OF THE ACTUAL PROPOSALS THAT HAVE BEEN SUBMITTED BY THE PUBLIC OR STAFF.** Pursuant to AS 44.62.200, the board may review the full range of activities appropriate to any of the subjects listed in this notice. The board may make changes to the hunting and trapping regulations as may be required to ensure the subsistence priority in AS 16.05.258 including reexamining customary and traditional use findings and determinations for amounts reasonably necessary for subsistence uses. After the public hearings, the Board of Game may adopt these or other provisions dealing with the same subject, without further notice, or amend, reject, supplement, or decide to take no action on them. The language of the final regulations may be different from that of the proposed regulations. **YOU ARE ENCOURAGED TO COMMENT DURING THE TIME ALLOWED IF YOUR INTERESTS COULD BE AFFECTED.**

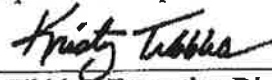
If you are a person with a disability who may need special accommodations in order to participate in this process, please contact ADF&G, Boards Support Section at (907) 465-4046 no later than two weeks prior to the beginning of each meeting to ensure that any necessary accommodations can be provided.

**Statutory Authority:** AS 16.05, AS 16.30.

**Statutes Being Implemented, Interpreted, or Made Specific:** AS 16.05.255; AS 16.05.256; AS 16.05.258; AS 16.05.330; AS 16.05.340; AS 16.05.346; AS 16.05.405; AS 16.05.407; AS 16.05.780; AS 16.05.783, and AS 16.30.010 – .030.

**Fiscal Information:** The proposed regulation changes are not expected to require an increased appropriation.

DATE: December 6, 2019



Kristy Tibbles, Executive Director  
Alaska Board of Game  
465-6098

**ADDITIONAL REGULATIONS NOTICE INFORMATION**  
**(AS 44.62.190(g))**

1. Adopting agency: Alaska Board of Game
2. General subject of regulation: Hunting and trapping regulations for the Western, Arctic and Interior Regions, and other miscellaneous provisions.
3. Citation of regulations: 5 AAC 84, 85, 92, 98, and 99
4. Department of Law file numbers: 2019200576 and 2019200577
5. Reason for the proposed action:
  - ☐ compliance with federal law
  - ☐ compliance with new or changed state statute
  - ☐ compliance with court order
  - ☐ development of program standards
6. ☒ Other: Regularly scheduled topics and other miscellaneous provisions for the Board of Game Western Arctic/Western Region & the Interior and Eastern Arctic Regions. Implement, interpret, or make specific the provisions of AS 16.05-16.30.
7. Appropriation/Allocation: Natural Resources and all RDUs
8. Cost of implementation to the state agency and available funding: It is not possible to estimate costs. However, this action is not expected to require an increased appropriation.
9. The name of the contact person for the regulations:


Name: Kristy Tibbles  
Title: Executive Director, Board Game  
Address: Boards Support Section  
Alaska Dept. of Fish and Game  
PO Box 115526  
Juneau, AK 99811-5526  
Telephone: (907) 465-6098  
E-mail: kristy.tibbles@alaska.gov

10. The origin of the proposed action:

☒ staff of state agency  
☒ federal government  
☒ general public

11. Date: December 6, 2019

Prepared by:

  
\_\_\_\_\_  
Kristy Tibbles, Executive Director  
Alaska Board of Game  
465-6098

AFFIDAVIT OF ORAL HEARING

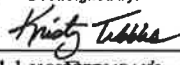
I, Kristy Tibbles, Executive Director for the Alaska Board of Game, under penalty of perjury, state the following:

On March 6 - 14, 2020 at Pike's Waterfront Lodge located at 1850 Hoselton Drive, in Fairbanks, Alaska, the Board of Game presided over a public hearing held under AS 44.62.210 for the purpose of taking testimony in connection with the adoption of changes dealing with the use and taking of game.

There is no notary public or other official empowered to administer oaths available to notarize this document as a result of social distancing requirements implemented statewide.

I certify under penalty of perjury that the foregoing is true.

Date: 5/19/2020

DocuSigned by:  
  
\_\_\_\_\_  
Kristy Tibbles, Executive Director

State of Alaska  
Juneau

AFFIDAVIT OF NOTICE OF PROPOSED REGULATION  
AND FURNISHING OF ADDITIONAL INFORMATION

I, Kristy Tibbles, Executive Director of the Alaska Board of Game, under penalty of perjury, certify the following:

As required by AS 44.62.190, notice of the proposed adoption of regulation changes dealing with the use and taking of game has been given by being

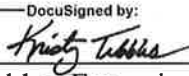
- (1) published in a newspaper or trade publication;
- (2) furnished to every person who has filed a request for notice of proposed action with the state agency;
- (3) furnished to appropriate state officials;
- (4) furnished to interested persons;
- (5) furnished to the Department of Law, along with a copy of the proposed regulation;
- (6) furnished electronically to incumbent State of Alaska legislators;
- (7) posted on the Alaska Online Public Notice System as required by AS 44.62.175(a)(1) and (b) and 44.62.190(a)(1).

As required by AS 44.62.190, additional regulation notice information regarding the proposed adoption of the regulation changes described above has been furnished to interested persons and those in (2), (4) and (6) of the list above. The additional regulation notice information also has been posted on the Alaska Online Public Notice System.

There is no notary public or other official empowered to administer oaths available to notarize this document as a result of social distancing requirements implemented statewide.

I certify under penalty of perjury that the foregoing is true.

Date: 5/19/2020

DocuSigned by:  
  
\_\_\_\_\_  
Kristy Tibbles, Executive Director  
Alaska Board of Game

State of Alaska  
Juneau

# ANCHORAGE DAILY NEWS

## AFFIDAVIT OF PUBLICATION

Account #: 270233 ST OF AK/DEPT OF FISH AND GAME  
COMMERCIAL FISHERIES DIVISION, JUNEAU, AK 99811-5526

Order #: W0012660

Cost: \$1137.97



### STATE OF ALASKA THIRD JUDICIAL DISTRICT

Lisi Misa being first duly sworn on oath deposes and says that she is a representative of the Anchorage Daily News, a daily newspaper. That said newspaper has been approved by the Third Judicial Court, Anchorage, Alaska, and it now and has been published in the English language continually as a daily newspaper in Anchorage, Alaska, and it is now and during all said time was printed in an office maintained at the aforesaid place of publication of said newspaper. That the annexed is a copy of an advertisement as it was published in regular issues (and not in supplemental form) of said newspaper on

12/08/2019

and that such newspaper was regularly distributed to its subscribers during all of said period. That the full amount of the fee charged for the foregoing publication is not in excess of the rate charged private individuals.

Signed

Subscribed and sworn to before me  
this 9th day of December 2019.

Notary Public in and for  
The State of Alaska.  
Third Division  
Anchorage, Alaska

MY COMMISSION EXPIRES

7/14/2020

STATE OF ALASKA  
NOTARY  
PUBLIC  
Jada L. Nowling

NOTICE OF PROPOSED CHANGES TO THE REGULATIONS OF THE ALASKA BOARD OF GAME

The Alaska Board of Game proposes to adopt regulation changes in Title 8 of the Alaska Administrative Code, dealing with the use and taking of game. Regulations subject to board action are: 8 AAC 64, 65, 66, 67, 68, and 69 for the Western Arctic Region; 8 AAC 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.