

# 2019 Laramie Region Hunting Season Proposals



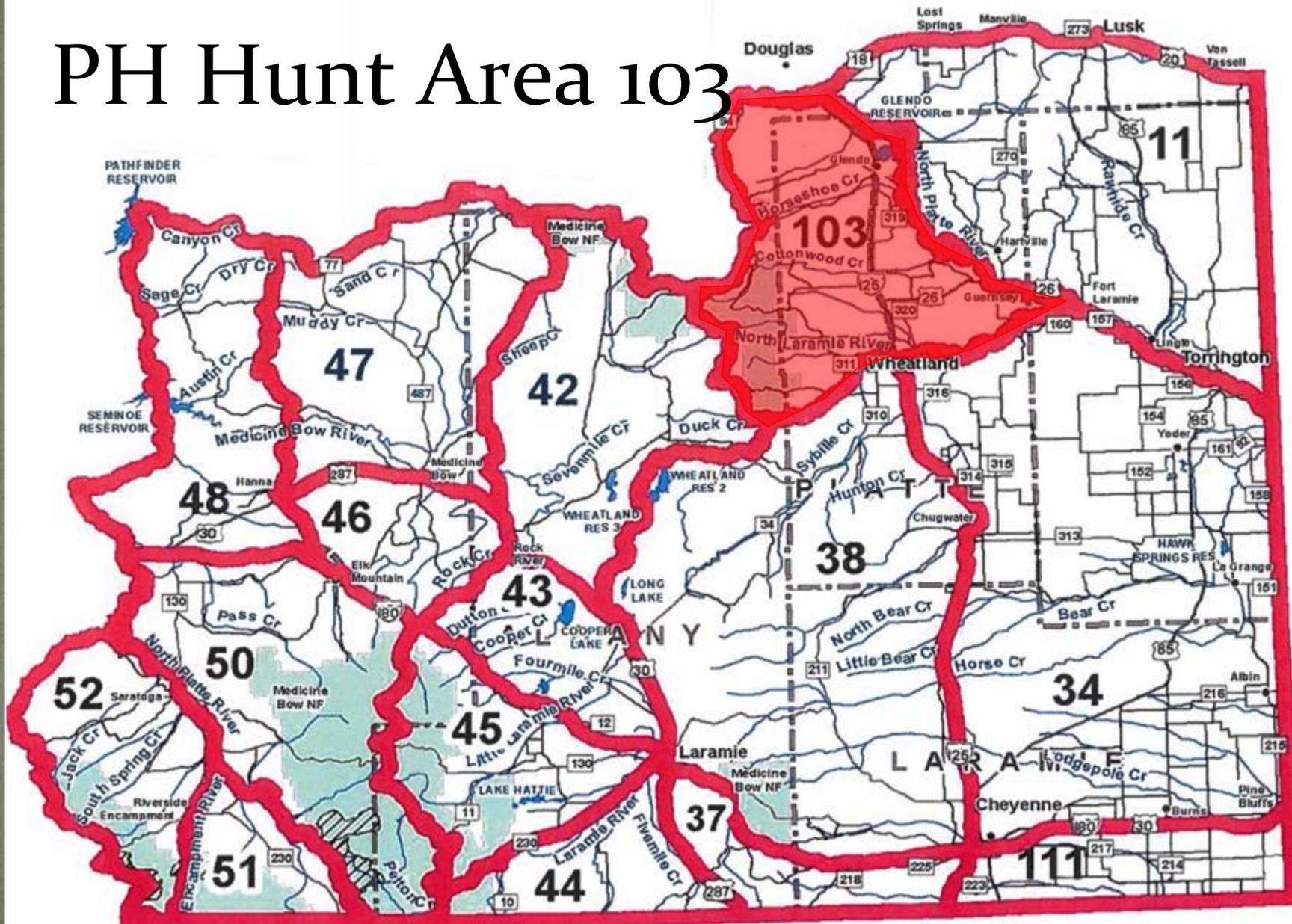
# Season Setting Process

- Data Collection and Analysis (surveys, hunter checks, etc.)
- Regional Review
- Public Scoping (Landowner meetings, Public meetings)
- Department Review
- **Public Meetings (Now)**
- Regional/Department Review and Analysis of Public Comment on Proposals
- Game & Fish Commission Meeting April 23-24 2019 in Riverton

# Antelope



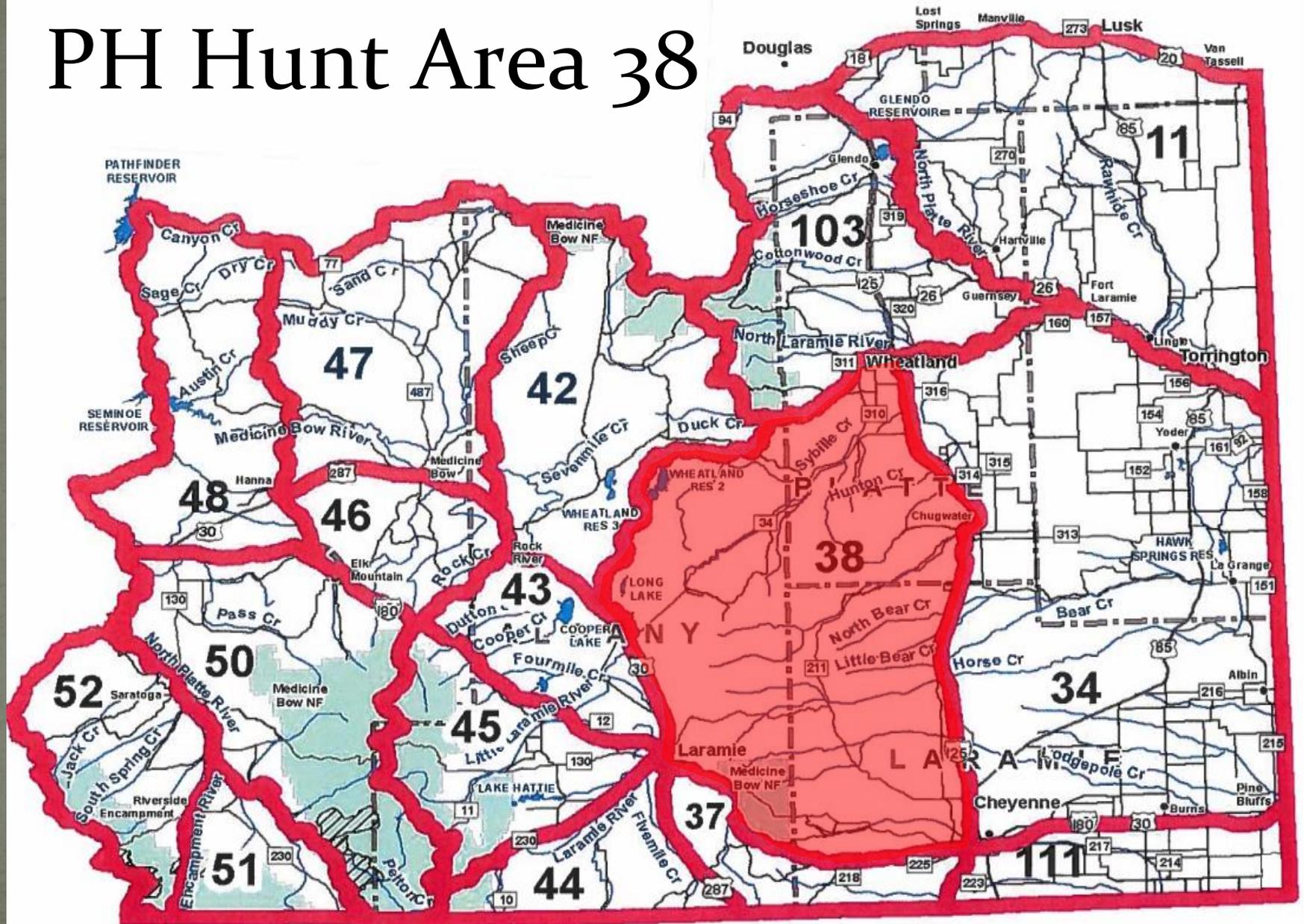
# PH Hunt Area 103



# Dwyer Antelope Herd Unit Hunt Area 103

- Population Objective – 4,000
  - 2018 Post Season Estimate – 4,500
  - 2018 Preseason Fawn/doe ratio – 53 Juv/100Fem
  - 2018 Preseason Buck/doe ratio – 39 Male/100Fem
  - Recreational Management Strategy
    - Between 30 to 59 Bucks/100 Does
- \*Propose to keep the existing herd unit population objective

# PH Hunt Area 38



# Iron Mountain Antelope Herd Unit Hunt Area 38

- Population Objective – 13,000
- 2018 Post Season Estimate – 11,740
- 2018 Preseason Fawn/doe ratio – 53 Juv/100Fem
- 2018 Preseason Buck/doe ratio – 51 Male/100Fem
- Recreational Management Strategy
  - Between 30 to 59 Bucks/100 Does

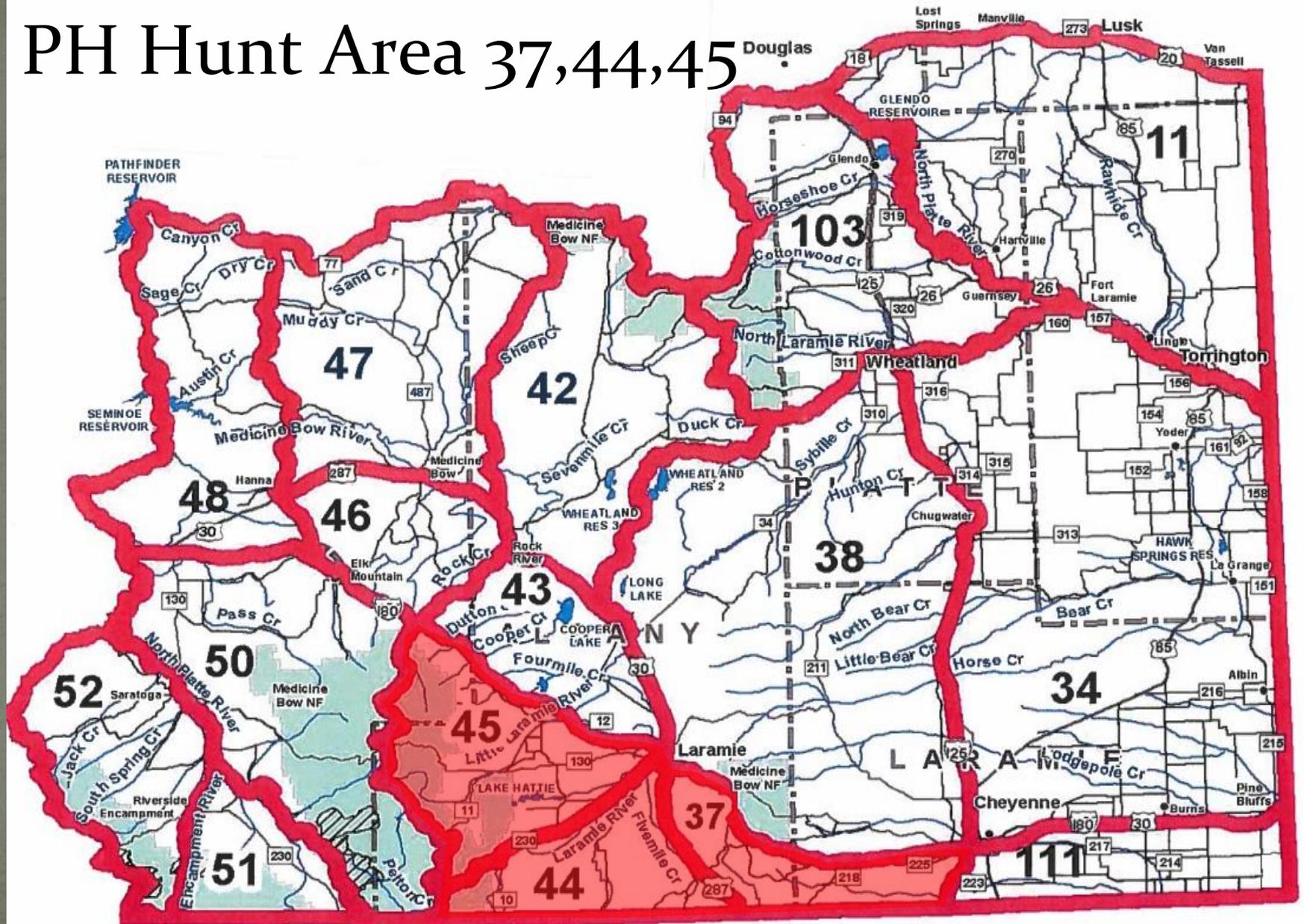
\*Propose to keep the existing herd unit population objective

# Antelope Hunt Area 38 Proposed Season

Hunt Area	Type	Season Dates		Quota	License	Limitations
		Opens	Closes			
38	6	Oct. 5	Oct. 31	<del>800</del> <u>600</u>	Limited Quota	Doe or fawn

Decrease of 200 Type 6 Licenses

# PH Hunt Area 37,44,45



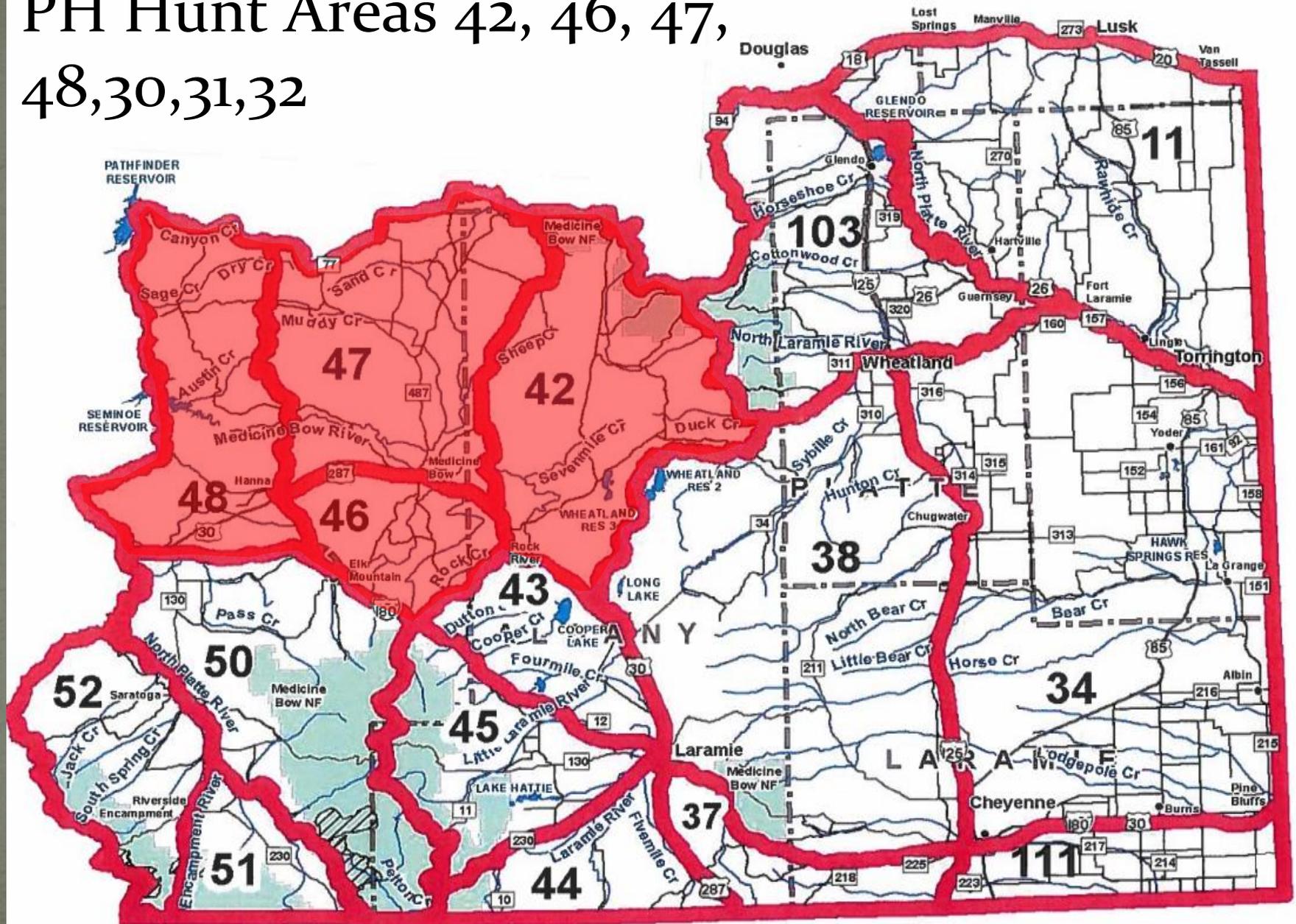
# Centennial Antelope Herd Unit

## Hunt Areas 37, 44, 45

- Population Objective – 14,000
- 2018 Post Season Estimate – 12,700
- 2018 Preseason Fawn/doe ratio – 53 Juv/100Fem
- 2018 Preseason Buck/doe ratio – 47 Male/100Fem
- Recreational Management Strategy
  - Between 30 to 59 Bucks/100 Does

\*Propose to keep the existing herd unit population objective

# PH Hunt Areas 42, 46, 47, 48, 30, 31, 32



# Medicine Bow Antelope Herd Unit

## Hunt Areas 30, 31, 32, 42, 46, 47, 48

- Population Objective – 40,000
- 2018 Post Season Estimate – 57,000
- 2018 Preseason Fawn/doe ratio – 68 Juv/100Fem
- 2018 Preseason Buck/doe ratio – 56 Male/100Fem
- Recreational Management Strategy
  - Between 30 to 59 Bucks/100 Does

# Antelope Hunt Area 31 Proposed Season

Hunt Area	Type	Season Dates		Quota	License	Limitations
		Opens	Closes			
31	1	Sep. 25	Oct. 31	<del>200</del> <u>250</u>	Limited quota	Any antelope
	6	Sep. 25	Oct. 31	<del>100</del> <u>200</u>	Limited quota	Doe or fawn

Increase of 50 Type 1 Licenses  
 Increase of 100 Type 6 Licenses

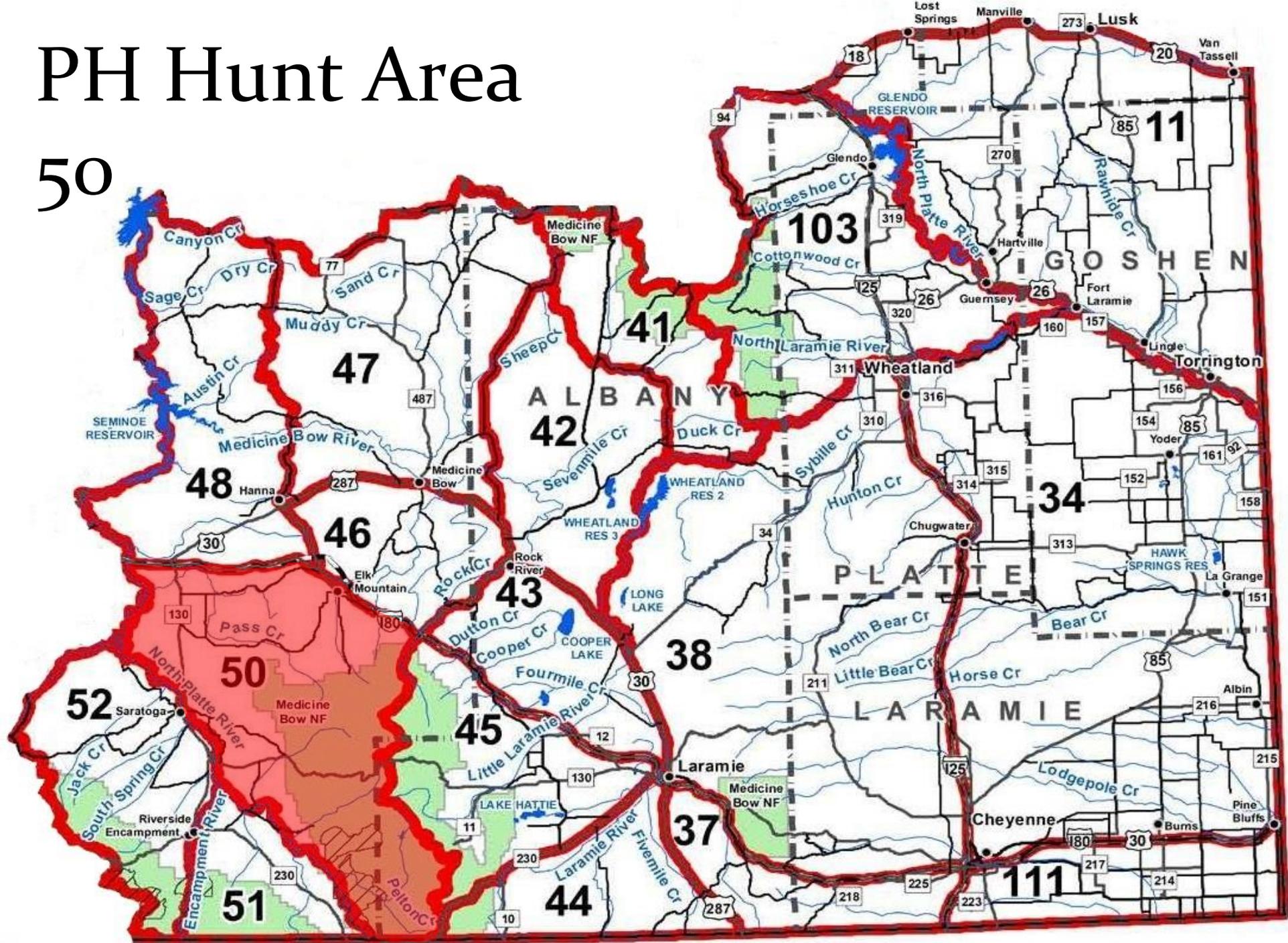
# Antelope Hunt Area 32 Proposed Season

Hunt Area	Type	Season Dates		Quota	License	Limitations
		Opens	Closes			
32	1	Sep. 25	Oct. 31	<del>500</del> <u>600</u>	Limited quota	Any antelope
	6	Sep. 25	Oct. 31	<del>300</del> <u>400</u>	Limited quota	Doe or fawn
	7	Sept. 25	Oct. 31	<del>75</del> <u>150</u>	Limited quota	Doe or fawn valid on private land

Increase of 100 Type 1 Licenses  
 Increase of 100 Type 6 Licenses  
 Increase of 75 Type 7 Licenses

# PH Hunt Area

50



# Elk Mountain Antelope Herd Unit Hunt Area 50

- ❑ Population Objective – 5,000
- ❑ 2018 Postseason Estimate – 5,100
- ❑ 2018 Preseason Fawn/doe ratio – 53 Juv/100 Fem
- ❑ 2018 Preseason Buck/doe ratio – 35 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 30 to 59 Bucks/100 Does

\*Propose to keep the existing herd unit population objective

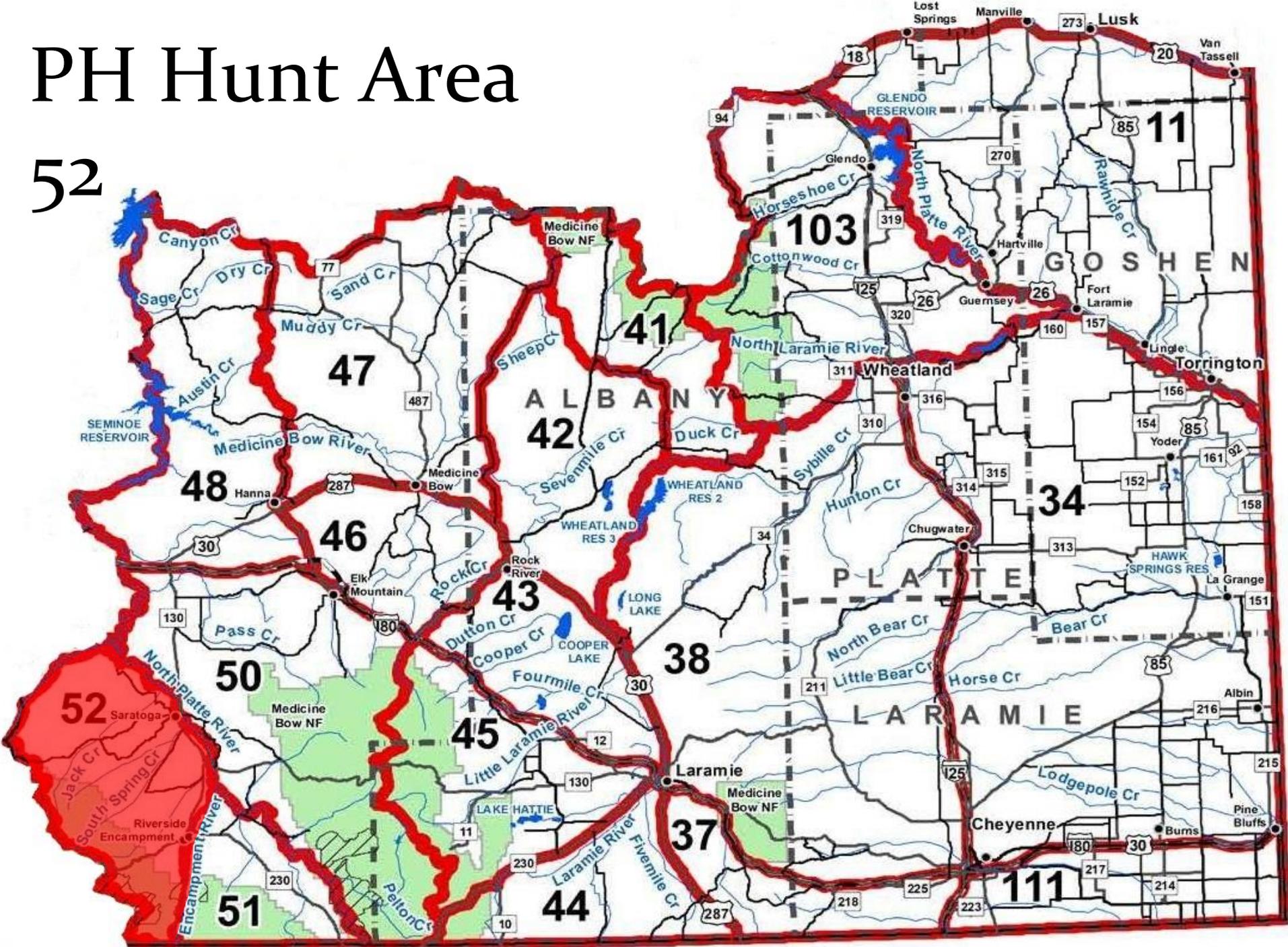
# Antelope Hunt Area 50 Proposed Season

Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
50	6	Sep. 16	Oct. 31	<del>150</del> 200	Limited Quota	Doe or Fawn

\*Increase Type 6 Licenses by 50

# PH Hunt Area

52



# Iron Springs Antelope Herd Unit

## Hunt Areas 52, 56, 108

- ❑ Population Objective – 12,000
- ❑ 2018 Postseason Estimate – 14,000
- ❑ 2018 Preseason Fawn/doe ratio – 52 Juv/100 Fem
- ❑ 2018 Preseason Buck/doe ratio – 56 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 30 to 59 Bucks/100 Does

# Antelope Hunt Area 52

## Proposed Season

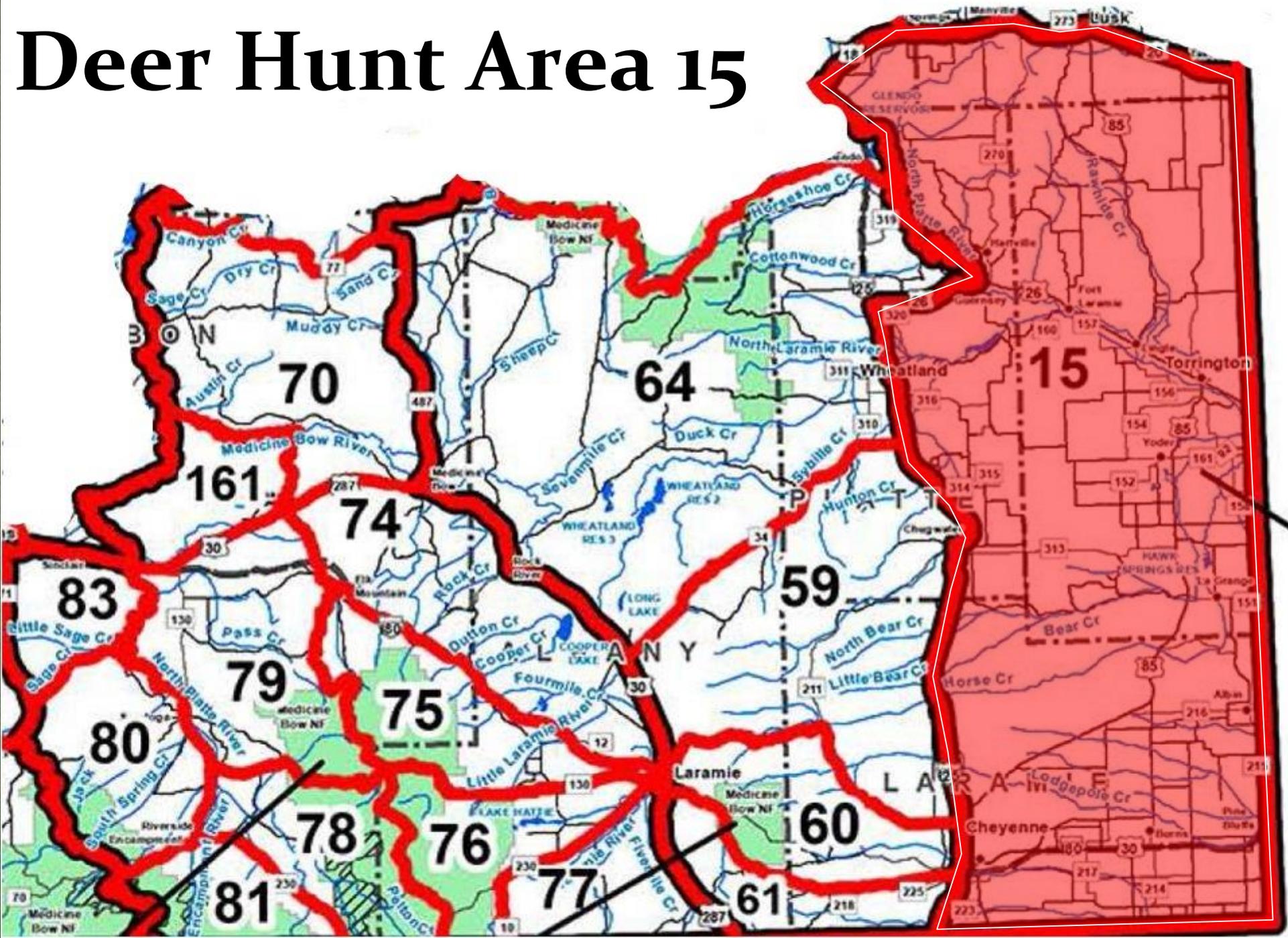
Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
52	2	Sep. 16	Nov. 14	<del>150</del> 200	Limited Quota	Any antelope valid south of North Spring Creek

\*Increase Type 2 licenses by 50

# Deer



# Deer Hunt Area 15



# Goshen Rim Mule Deer Herd Unit Hunt Area 15

- Population Objective- 20,000
- 2018 Postseason Estimate – 11,100
- 2018 Postseason Fawn/doe ratio – 48 Juv/100Fem
- 2018 Postseason Buck/doe ratio – 35 Male/100Fem
- Recreational Management Strategy Between 20 to 29 Bucks/100 Does

# Deer Hunt Areas 15 Proposed Season

Hunt Area	Type	Season Dates		Quota	License	Limitations
		Opens	Closes			
15	Gen	Oct. 1	Oct. 14		General	Antlered mule deer or any white-tailed deer
15	6	Oct. 1	Dec. 31	<del>350</del> 400	Limited quota	Doe or fawn
Region T				400		

Increase Hunt Area 15 Type 6 licenses by 50

# SE WY White-tailed Deer Herd Unit Hunt Areas 15,59-64, 70, 74-81, 83, 161

- Population Objective – Hunter Satisfaction;  $\geq 60\%$
- 2018 Satisfaction Estimate- 63%
- 3-year Running Average Satisfaction Estimate- 67%
- Private Land Management Strategy
- Objective was changed in 2015 from a numeric objective of 1,800 WTD to a sportsmen satisfaction survey

# Deer Hunt Areas 15,59-64, 70,74-81,83,161 Proposed Season

## SE WY White-tailed Deer Hunt Areas 15, 59-64, 70, 74-81,83,161

Hunt Area	Type	Season Open	Season Close	Quota	License	Limitations
15	3	Oct. 1	Nov. 30	<del>450</del> <u>500</u>	Limited quota	Any white-tailed deer
15	8	Oct. 1	Dec. 31	<del>400</del> <u>450</u>	Limited quota	Doe or fawn white-tailed deer
59,60,64	3	<del>Nov. 1</del> <u>Oct. 1</u>	Nov. 30	<del>200</del> <u>250</u>	Limited quota	Any white-tailed deer; all lands within Curt Gowdy State Park, archery only
59,60,64	8	<del>Nov. 1</del> <u>Oct. 1</u>	Dec. 31	<del>300</del> <u>350</u>	Limited quota	Doe or fawn white-tailed deer; all lands within Curt Gowdy State Park, archery only

Increase Hunt Area 15 Type 3 licenses by 50 and Type 8 licenses by 50.  
Increase Hunt Area 59,60,64 Type 3 licenses by 50 and Type 8 license by 50.



# Laramie Mountains Mule Deer Herd Unit

## Hunt Areas 59, 60, 64

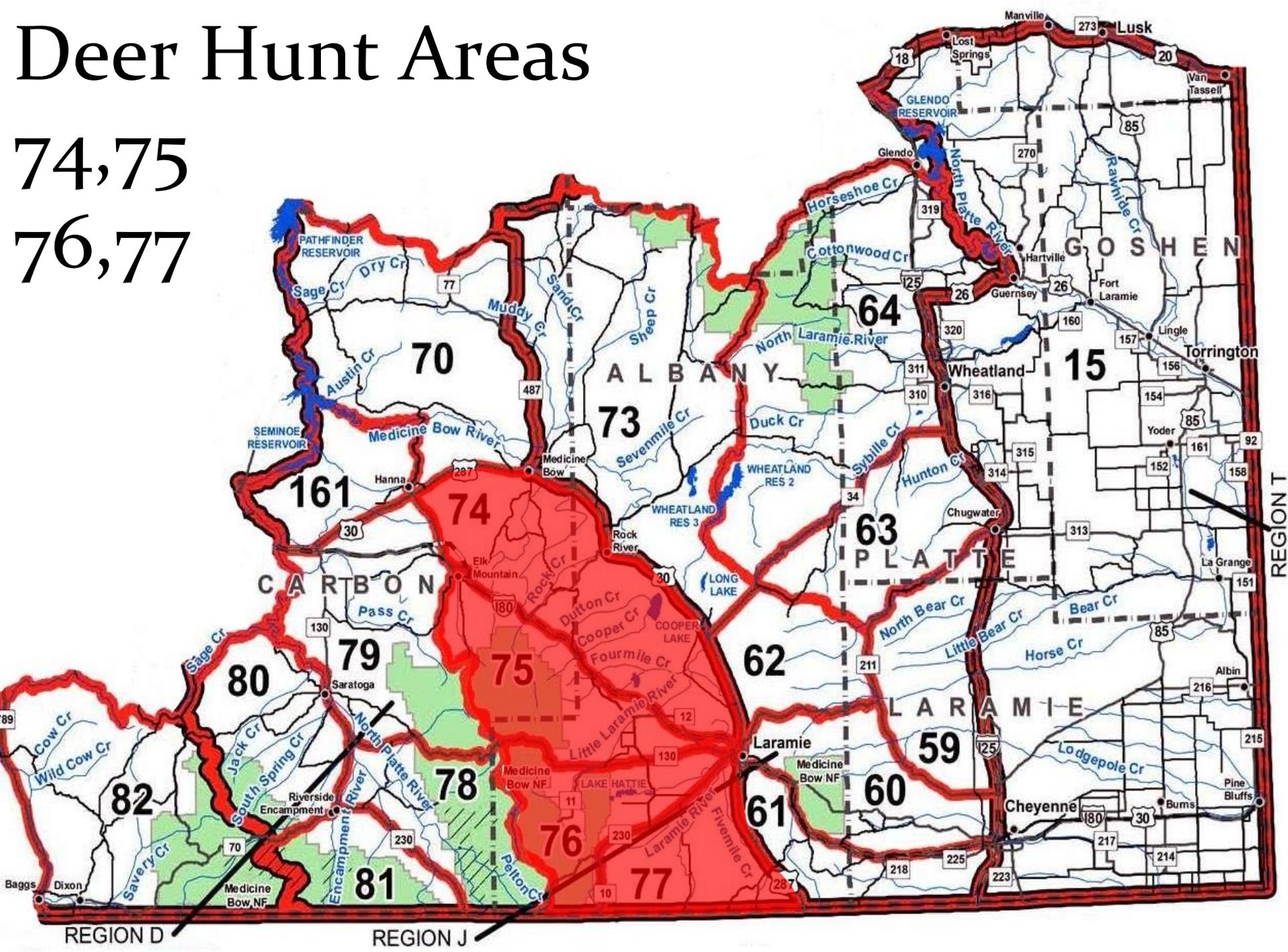
- Population Objective- 20,000
- 2018 Postseason Estimate – 14,900
- 2018 Postseason Fawn/doe ratio – 58 Juv/100Fem
- 2018 Postseason Buck/doe ratio – 36 Male/100Fem
- Recreational Management Strategy Between 20 to 29 Bucks/100 Does

\*No changes to hunting seasons proposed

\*Propose to keep the existing herd unit population objective

# Deer Hunt Areas

74,75  
76,77



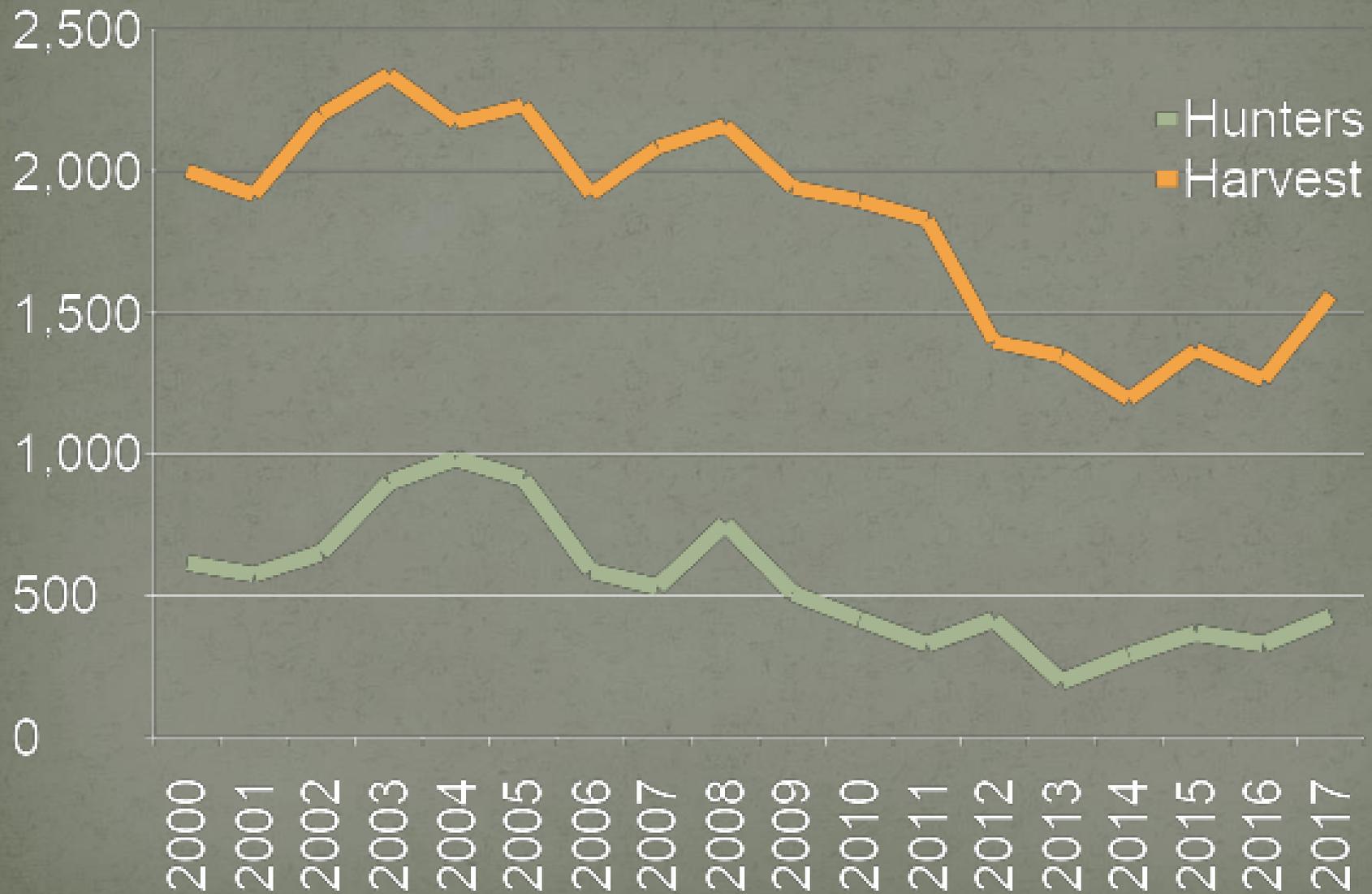
# Sheep Mountain Mule Deer Herd Unit

## Hunt Areas 61, 74, 75, 76, 77

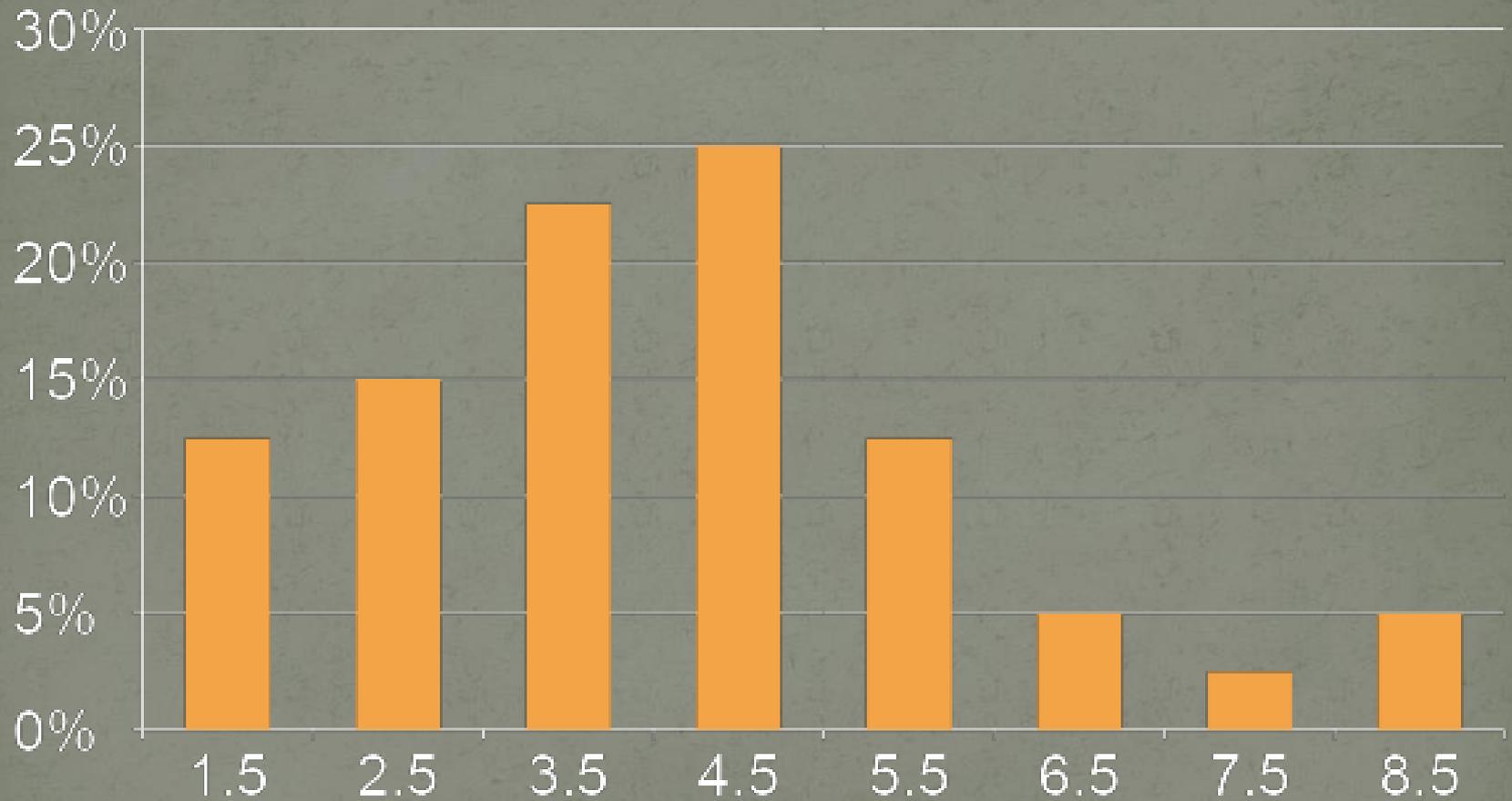
- Population Objective- 10,000
- 2018 Postseason Estimate – 6,300
- 2018 Postseason Fawn/doe ratio –61 Juv/100Fem
- 2018 Postseason Buck/doe ratio – 31 Male/100Fem
- Recreational Management Strategy Between 20 to 29 Bucks/100 Does

- Hunter success - 32% (2013-2017 average 24%)
- Number of hunters in the field- 1,480 ( 2013-2017 average 1,346)
- Harvest 478 deer (2013-2017 322 deer)
- Average age deer harvest was 4.5 years and average antler width of deer harvested was 20"

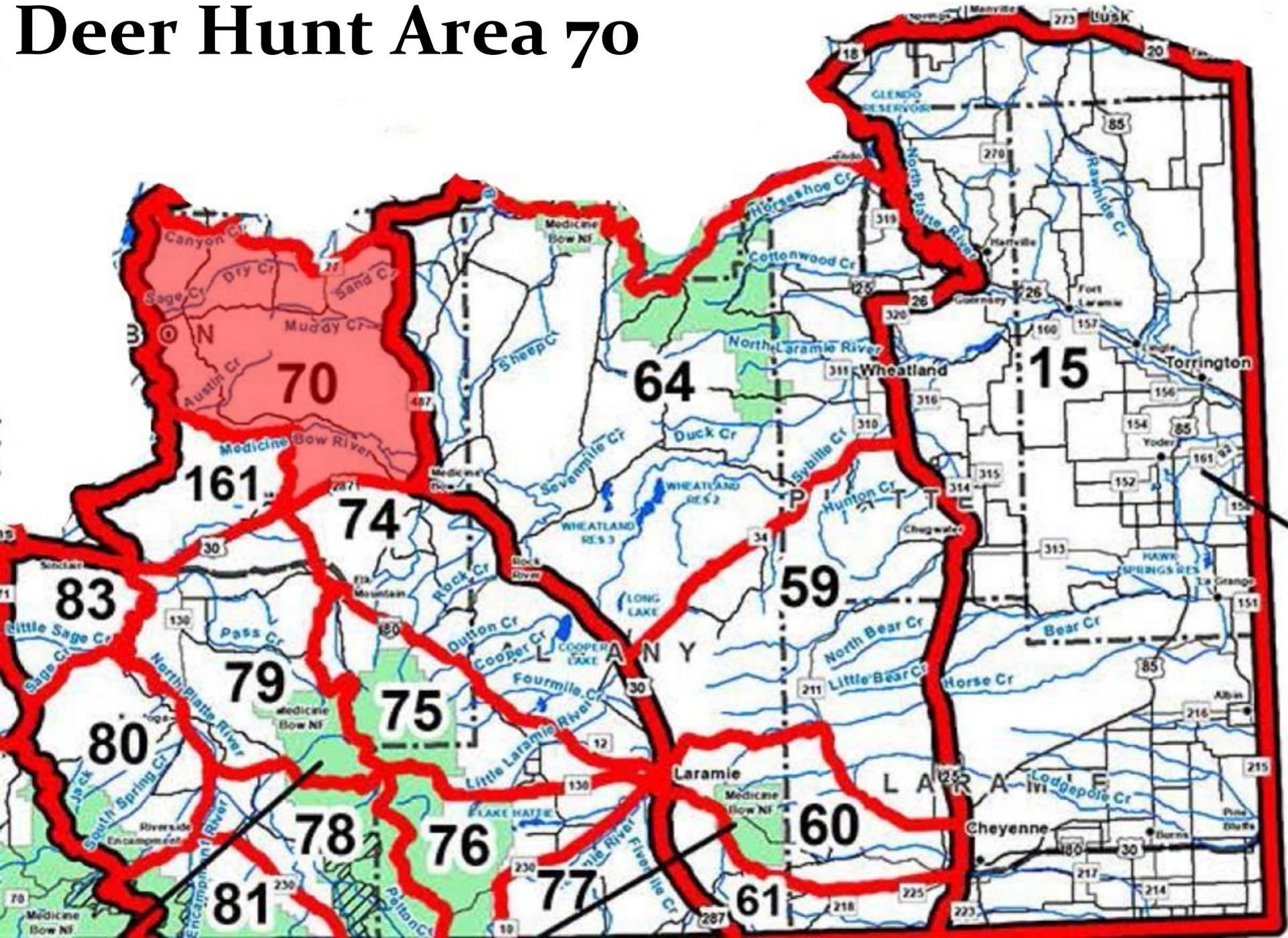
# Comparison of the Number of Hunters and Deer Harvested



# The Percent of Harvest by Age Class in 2018



# Deer Hunt Area 70



# Shirley Mountain Mule Deer Herd Unit

## Hunt Area 70

- ❑ Population Objective- 7,500
- ❑ 2018 Postseason Estimate – 6,300
- ❑ 2018 Postseason Fawn/doe ratio –63 Juv/100 Fem
- ❑ 2018 Postseason Buck/doe ratio –32 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 20 to 29 Bucks/100 Does

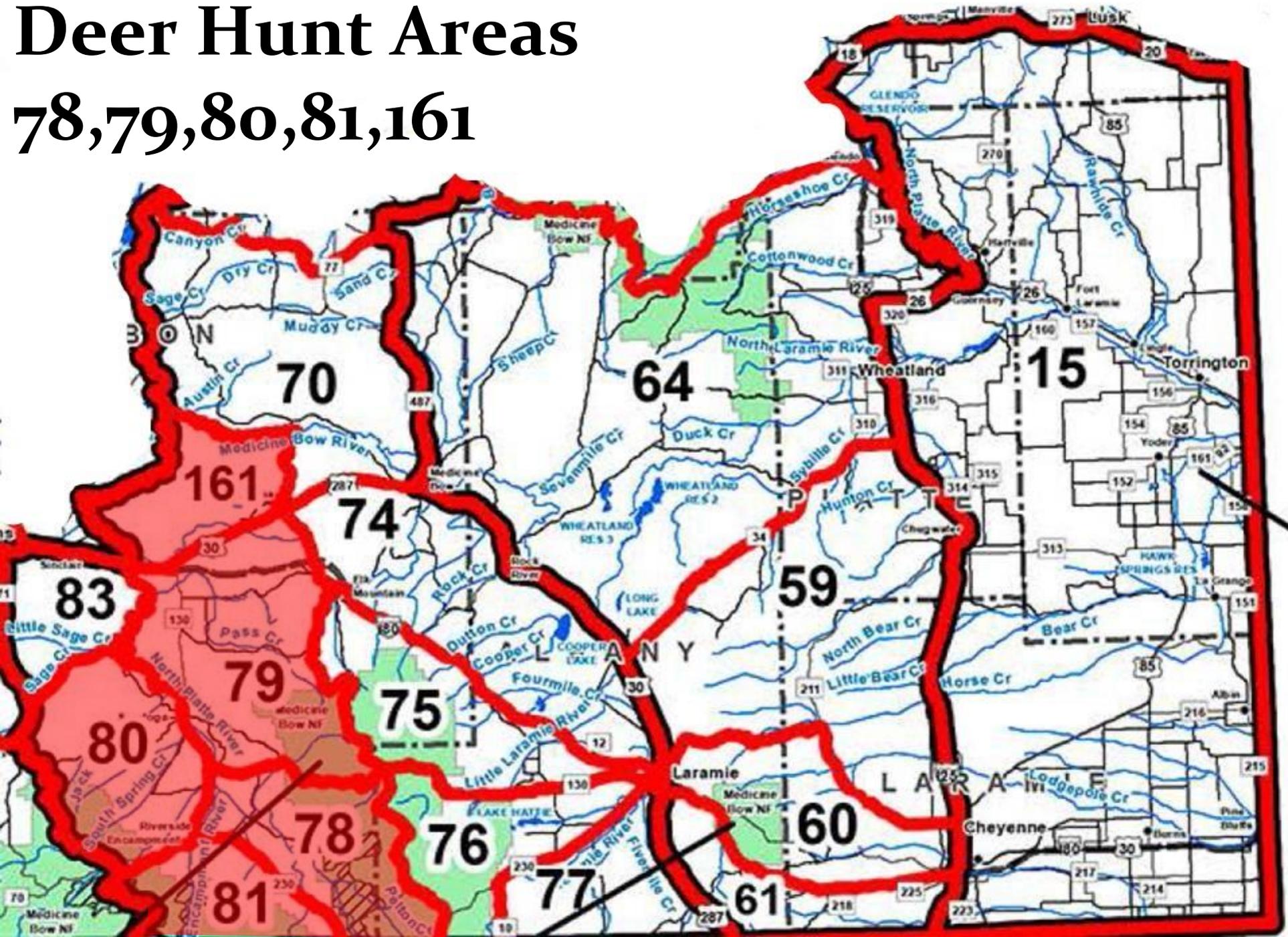
# Mule Deer Hunt Area 70 Proposed Season

Hunt Area	Type	Season Dates		Quota	License	Limitations
		Opens	Closes			
70	6	Oct. 15	Nov. 30	<b>25</b>	<del>Limited quota</del> <b>CLOSED</b>	<del>Doe or fawn</del> <del>valid on private</del> <del>land</del>

\*Close Hunt Area 70 Type 6 season

# Deer Hunt Areas

78,79,80,81,161



# Platte Valley Mule Deer Herd Unit

Hunt Areas 78, 79, 80, 81, 83, 161

- ❑ Population Objective- 16,000
- ❑ 2018 Postseason Estimate – 10,800
- ❑ 2018 Postseason Fawn/doe ratio – 59 Juv/100 Fem
- ❑ 2018 Postseason Buck/doe ratio – 35 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 20 to 29 Bucks/100 Does

\*No changes to hunting seasons proposed

\*Propose to keep the existing herd unit population objective

# Platte Valley Mule Deer

Secondary Objectives from the *MDI Plan* to address the “Quality of the Hunt” concerns

- ❑ 1) Field checked bucks  $\geq 24$ " = **20% of sample**
  - ❑ 2018: 30%
- ❑ 2) Hunter Satisfaction **Goal  $\geq 60\%$** 
  - ❑ 2018: 75%
- ❑ 3) Buck Harvest Success **Goal  $\geq 40\%$** 
  - ❑ 2018: 62%



# ELK

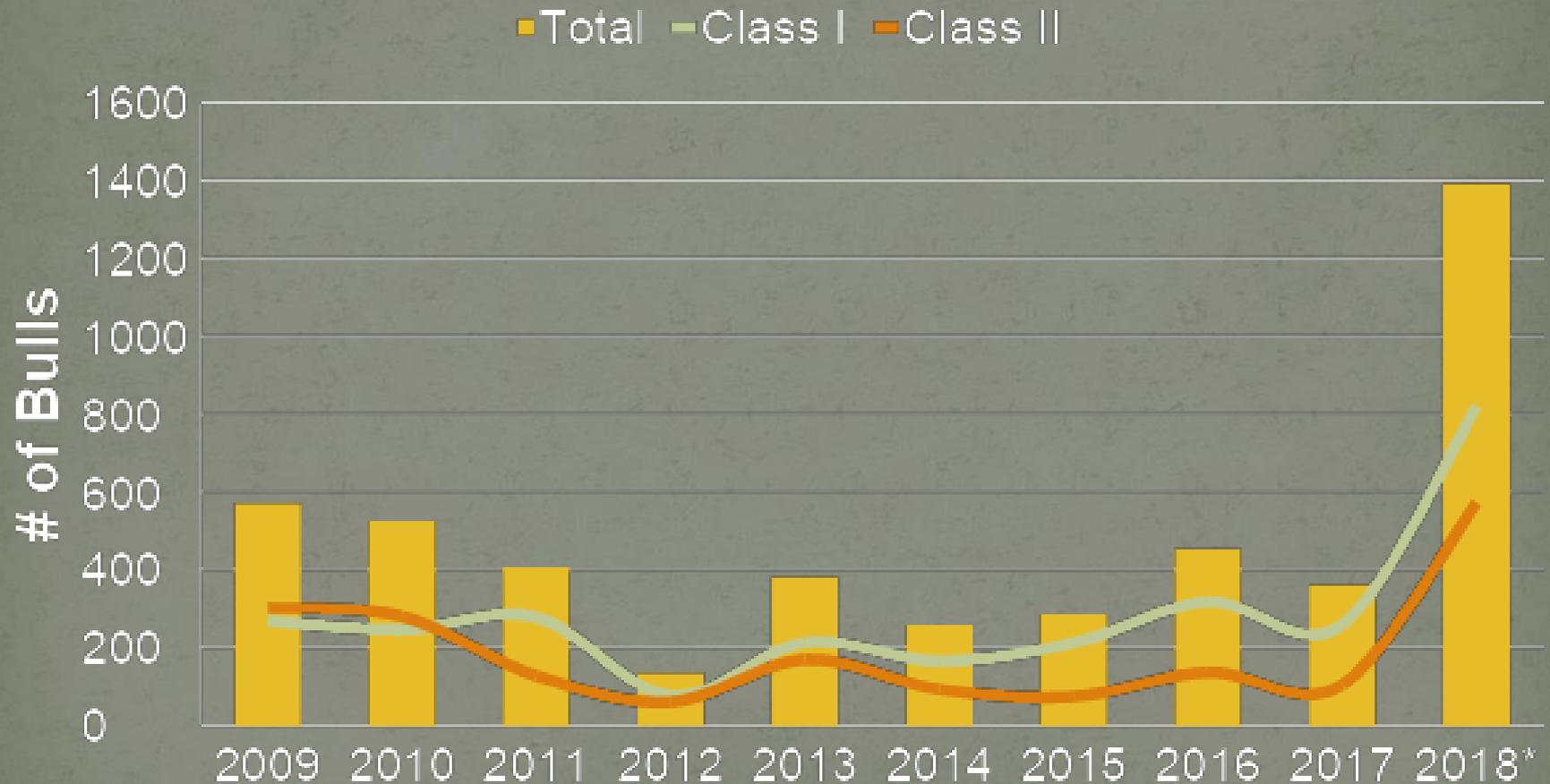




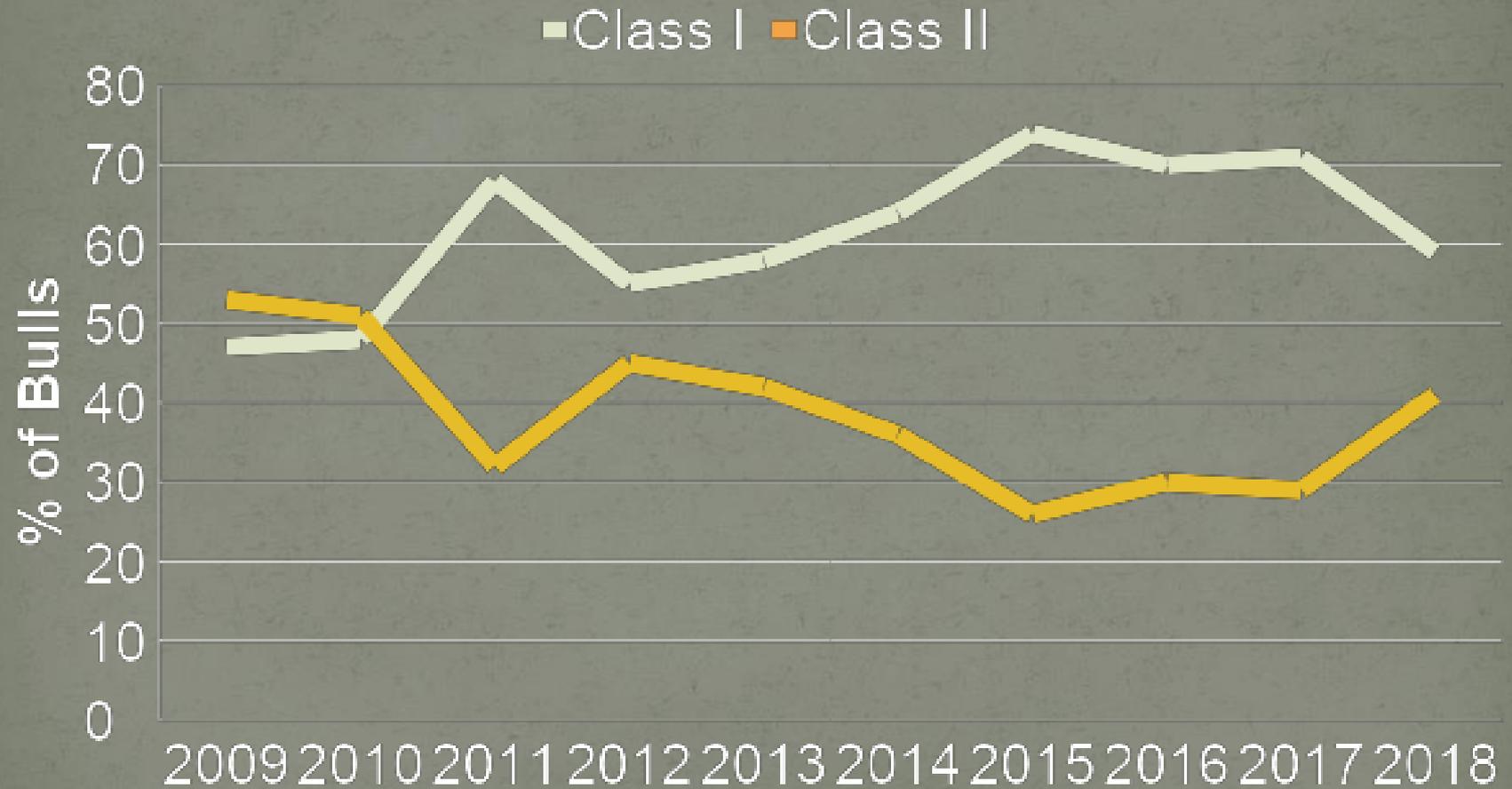
# Laramie Peak Elk Herd Unit Hunt Area 7

- Population Objective – 5,000
- 2018 Post Season Estimate – 11,100
- 2018 Postseason Calf/Cow ratio – 42 Juv/100Fem
- 2018 Postseason Bull/Cow ratio – 51 Male/100Fem
- Special Management Strategy
  - Between 30 to 40 Bulls/100 Cows

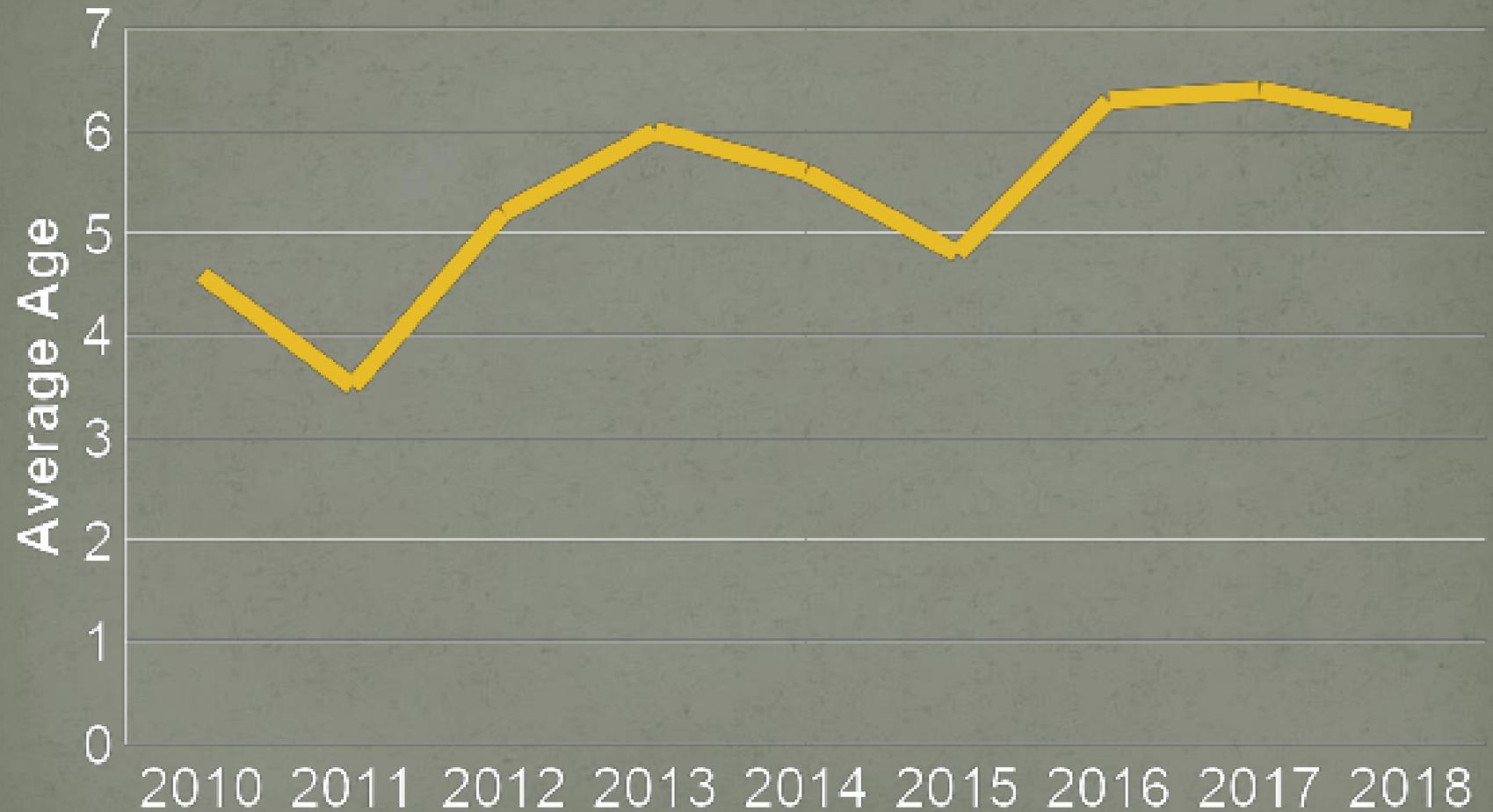
# The Number of Bulls Classified In Hunt Area 7



# The Percent of Bulls Classified in Hunt Area 7



# Hunt Area 7 Average Bull age in Harvest



# Area 7

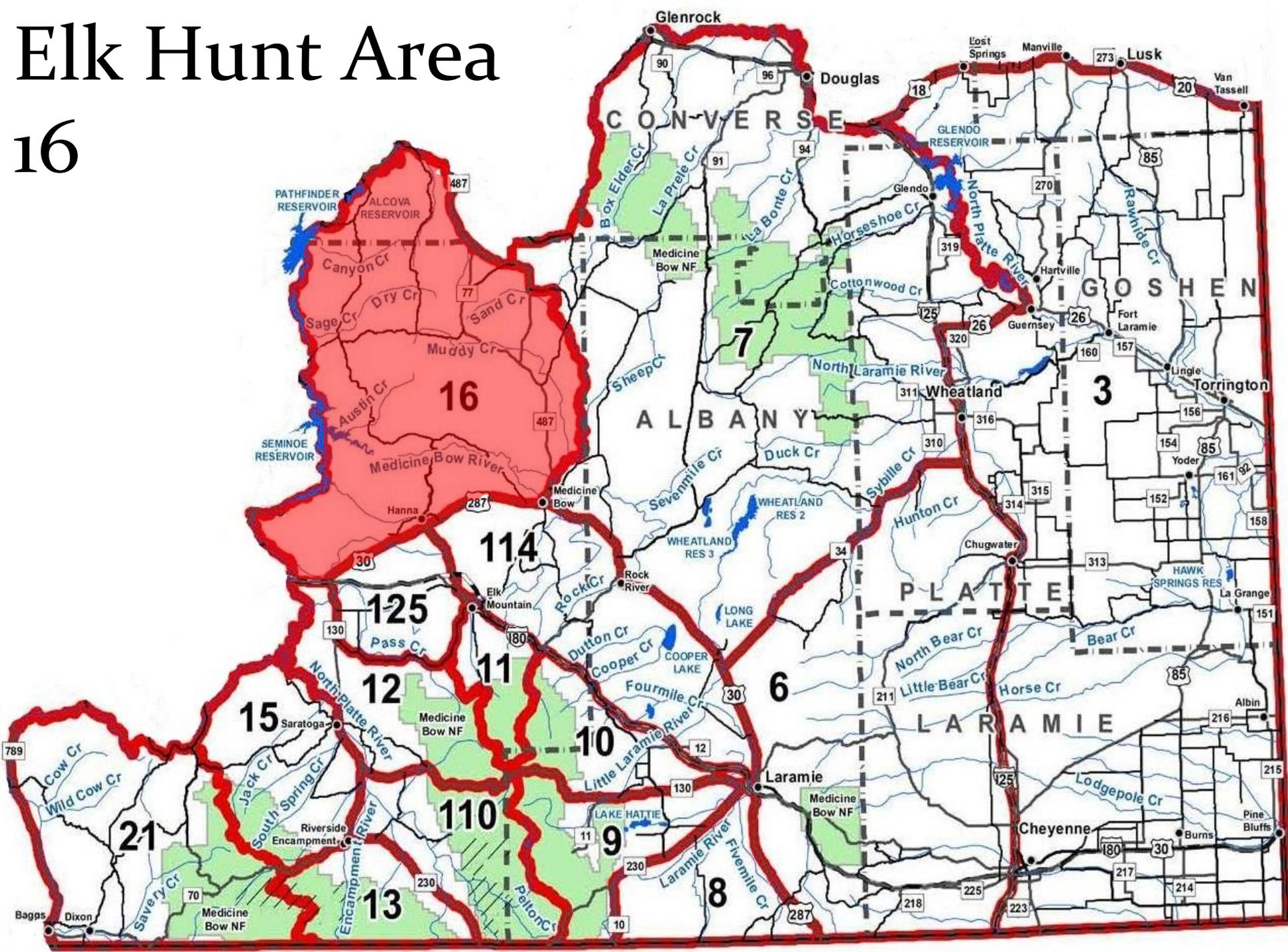
## Laramie Peak Herd Unit - 7

Hunt Area	Type	Season Open	Season Close	Quota	License	Limitations
7	6	Aug. 15	Oct. 14	<del>2,050</del> <u>2250</u>	Limited quota	Cow or calf valid in Platte County and on private land in Albany and Converse Counties
		Oct. 15	Dec. 31			Cow or calf valid in the entire area
7	7	Jan. 1	Jan. 31	<del>250</del> <u>50</u>		Cow or calf

Increase Type 6 by 200  
Decrease Type 7 by 200

# Elk Hunt Area

# 16



# Shirley Mountain Elk Herd Unit

## Hunt Area 16

- ❑ Mid-Winter Trend Objective– 800
- ❑ 2018 Mid-Winter Trend Count–2,100
  - ❑ 3-year trend count average-2080
- ❑ 2018 Postseason Calf/Cow ratio –53 Juv/100 Fem
- ❑ 2018 Postseason Bull/Cow ratio –30 Male/100 Fem
- ❑ Special Management Strategy
  - ❑ Between 30 to 40 Bulls/100 Cows

# Elk Hunt Area 16

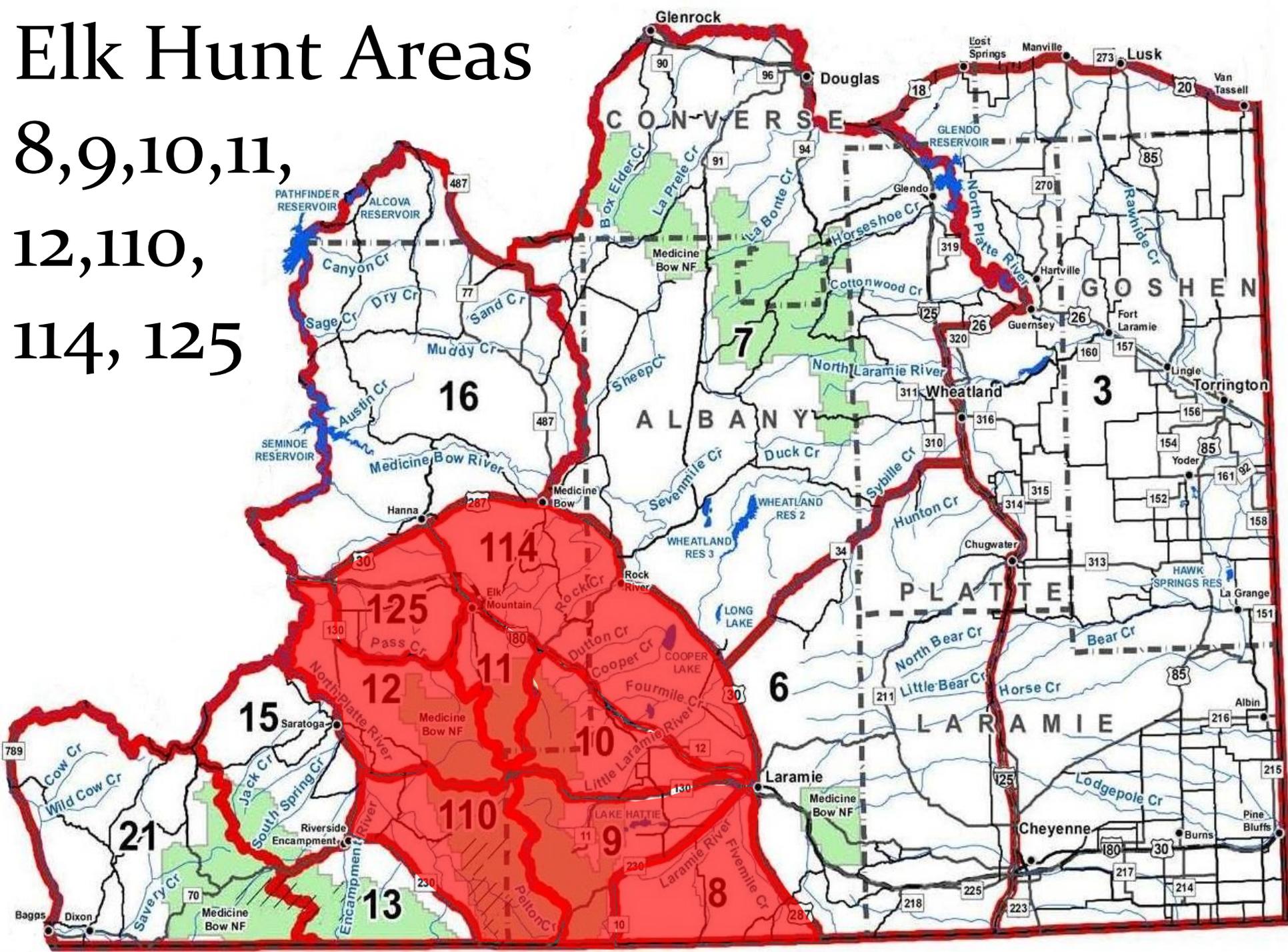
## Proposed Seasons

Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
16	6	Aug. 15	Sep. 30	300	Limited quota	<p><del>Cow or calf valid on private land or the Hanna Draw Hunter Management Area (HMA permission slip required)</del> Cow or calf valid on private land; also valid on or within one-half (1/2) mile of irrigated land, and on the Hanna Draw Hunter Management Area (HMA permission slip required)</p>

\*Change limitation for Type 6 license to include: “Also valid on or within ½ mile of irrigated land.”

# Elk Hunt Areas

8,9,10,11,  
12,110,  
114, 125



# Snowy Range Elk Herd Unit

Hunt Areas 8, 9, 10, 11, 12, 110, 114, 125

- ❑ Population Objective – 6,000
- ❑ 2018 Postseason Estimate – 9,100
- ❑ 2018 Postseason Calf/Cow ratio – 39 Juv/100 Fem
- ❑ 2018 Postseason Bull/Cow ratio – 30 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 15 to 29 Bulls/100 Cows

# Snowy Range Elk Herd Unit

## Proposed Seasons

Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
8	1	Oct. 1	Jan. 31	<del>100</del> 150	Limited quota	Any elk
	6	Aug. 15	Jan. 31	<del>100</del> 200	Limited quota	Cow or calf
9	6	<del>Aug. 15</del>	<del>Sep. 30</del>	150	<del>Limited quota</del> <b>CLOSED</b>	<del>Cow or calf valid on private land</del>
		Oct. 1	Dec. 31		Limited quota	Cow or calf
		<del>Jan. 1</del>	<del>Jan. 31</del>		<del>Limited Quota</del> <b>CLOSED</b>	<del>Cow or calf valid off national forest</del>
9, 10	7	Aug. 15	Jan. 31	<del>50</del> 150	Limited quota	Cow or calf valid off national forest
10	6	<del>Aug. 15</del>	<del>Sep. 30</del>	200 100	<del>Limited quota</del> <b>CLOSED</b>	<del>Cow or calf valid on private land</del>
		Oct. 1	<del>Nov. 30</del> Dec. 31		Limited Quota	Cow or calf
		<del>Dec. 1</del>	<del>Jan. 31</del>		<del>Limited quota</del> <b>CLOSED</b>	<del>Cow or calf valid off national forest</del>

\*Increase Hunt Area 8 Type 1 (+50) and Type 6 (+100) licenses

\*Increase Hunt Area 9, 10 Type 7 licenses by 100

\*Close Aug.- Sept. & Jan. Type 6 seasons in Hunt Areas 9 and 10

\*Decrease Hunt Area 10 Type 6 licenses by 100 (moved to 9,10 Type 7)

# Snowy Range Elk Herd Unit

## Proposed Seasons

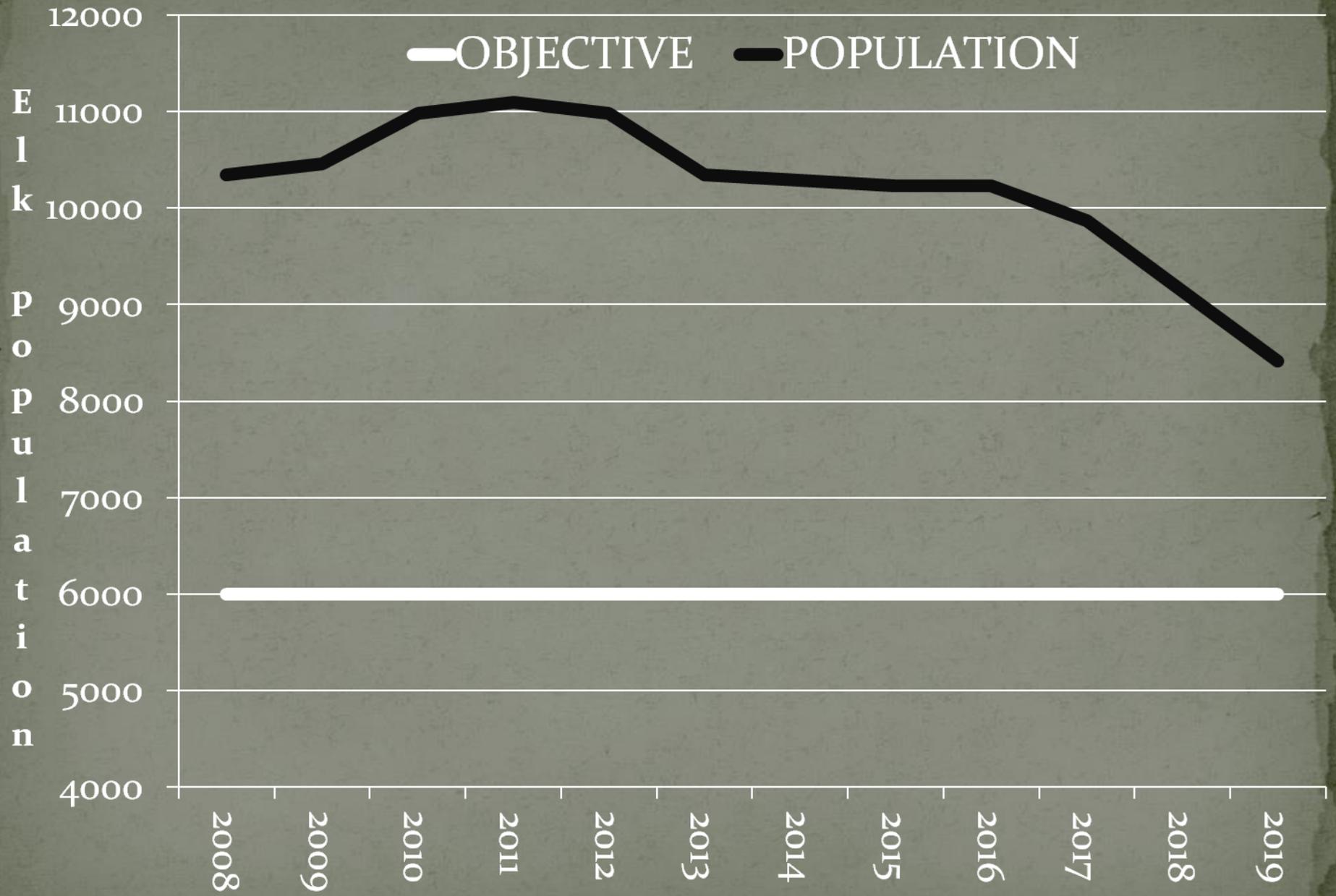
Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
12	6	Oct. 1	Nov. 14	<del>150</del> 200	Limited quota	Cow or calf
		Nov. 15	Jan. 31			Cow or calf valid west of Wyoming Highway 130
12, 13, 15, 110	7	Aug. 15	Jan. 31	<del>100</del> 125	Limited quota	Cow or calf valid on private land
110	6	Oct. 1	Nov. 14	<del>50</del> 100	Limited quota	Cow or calf
125	1	Oct. 1	Dec. 31	<del>200</del> 250	Limited quota	Any elk
		Jan. 1	Jan. 31			Valid for antlerless elk
	6	Oct. 1	Jan. 31	<del>200</del> 300	Limited quota	Cow or calf

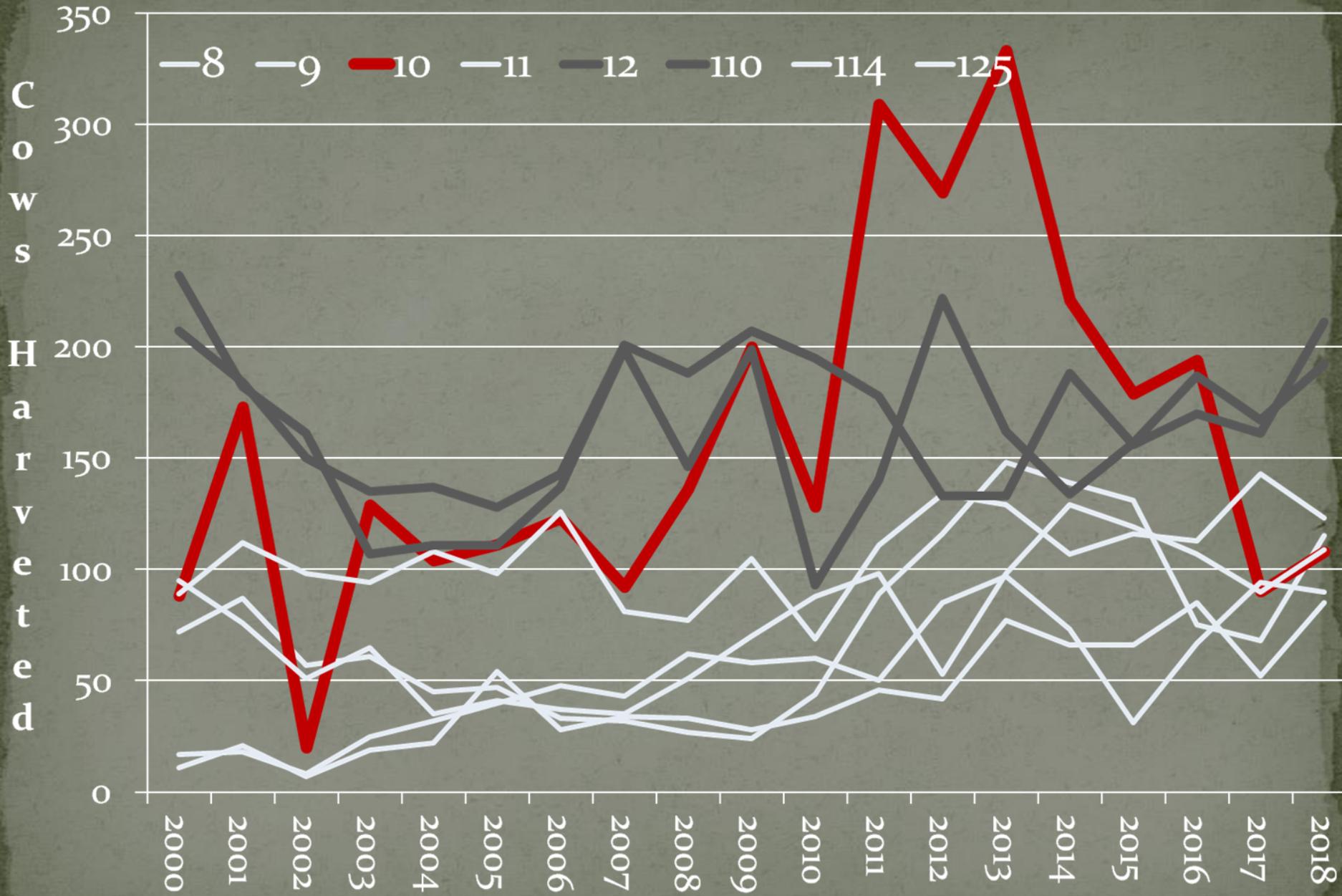
\*Increase Hunt Area 12 Type 6 licenses 50

\*Increase Hunt Area 12,13,15,110 Type 7 licenses by 25

\*Increase Hunt Area 110 Type 6 licenses by 50

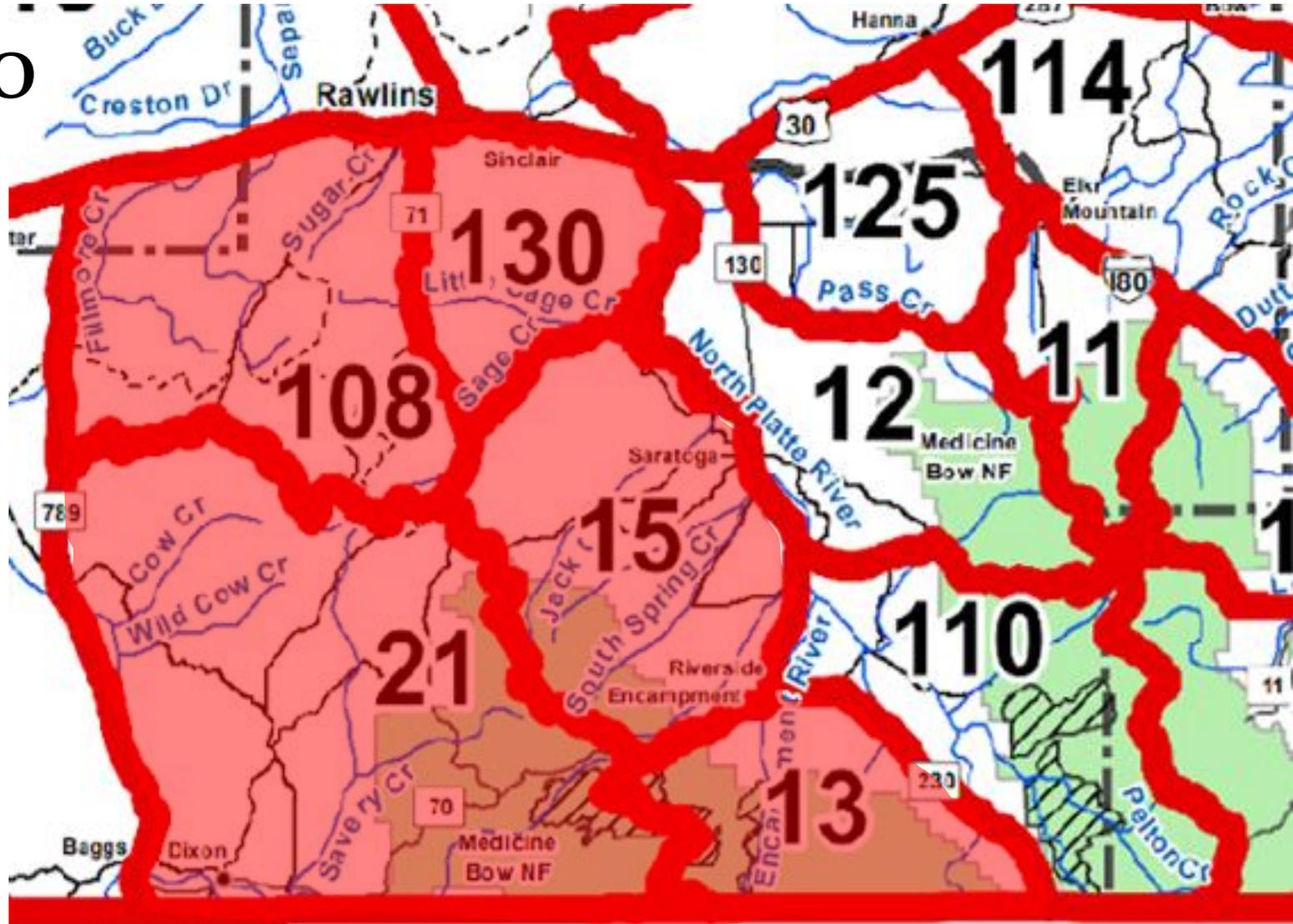
\*Increase 125 Type 1 (+50) and Type 6 (+100) licenses





# Elk Hunt Areas

13,15,21,  
108, 130



# Sierra Madre Elk Herd Unit Hunt Areas 13,15,21,108,130

- ❑ Population Objective – 5,000
- ❑ 2018 Postseason Estimate – 7,000
- ❑ 2018 Postseason Calf/Cow ratio –39 Juv/100 Fem
- ❑ 2018 Postseason Bull/Cow ratio –30 Male/100 Fem
- ❑ Recreational Management Strategy
  - ❑ Between 15 to 29 Bulls/100 Cows

# Elk Hunt Areas 13 & 15

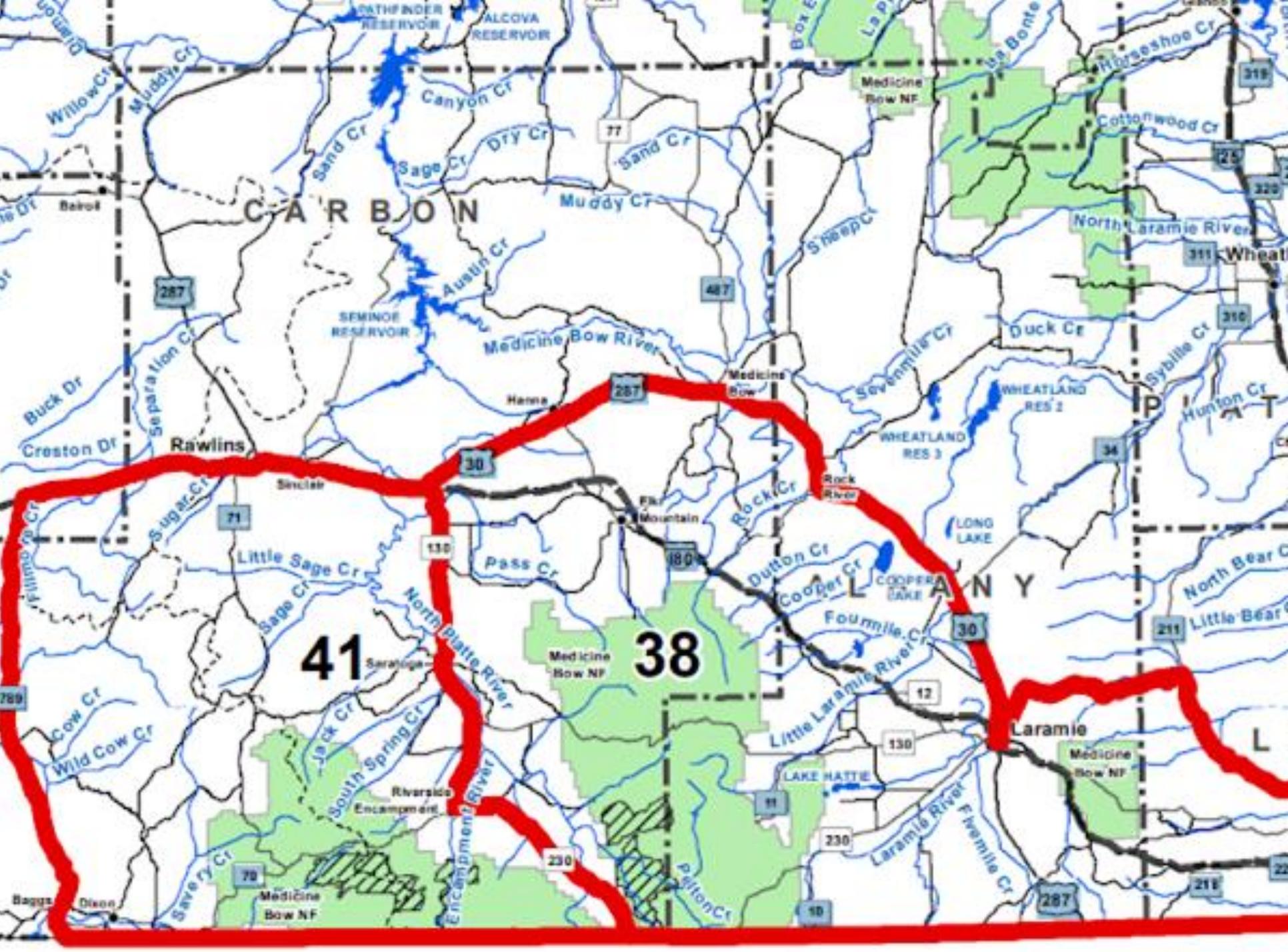
## Proposed Seasons

Hunt Area	Type	Season		Quota	License	Limitations
		Opens	Closes			
13		<del>Oct. 15</del>	<del>Oct. 22</del>		<b>General</b>	<b><del>Antlered elk</del></b>
		<del>Oct. 23</del> Oct. 15	Oct. 31		General	Any elk
	6	Oct. 1	Nov. 14	100	Limited quota	Cow or calf
15		<del>Oct. 15</del>	<del>Oct. 22</del>		<b>General</b>	<b><del>Antlered elk</del></b>
		<del>Oct. 23</del> Oct. 15	Oct. 31		General	Any elk
	6	Oct. 1	Nov. 14	100	Limited quota	Cow or calf

\*Change to two weeks of General License “Any Elk”

# Moose





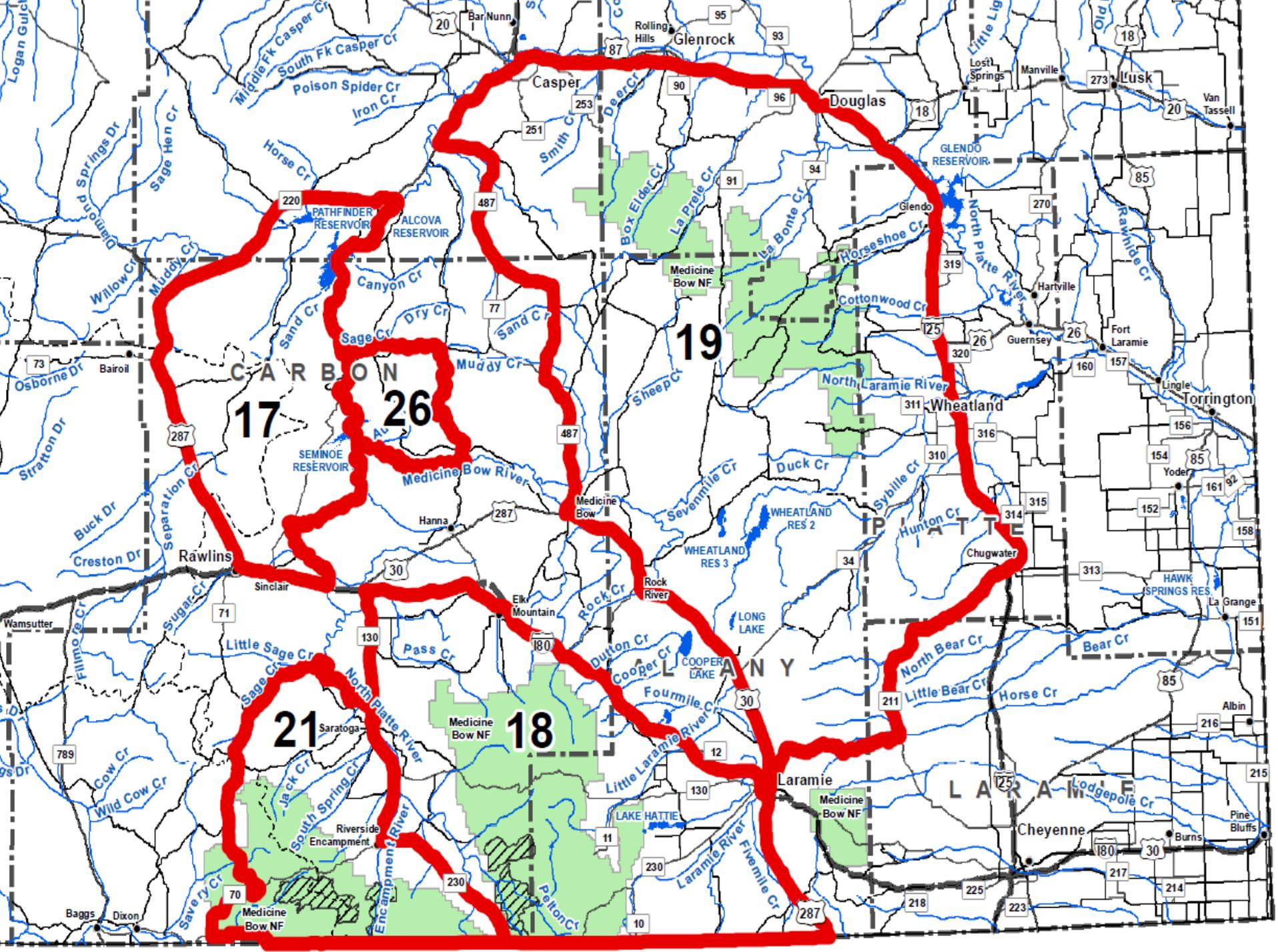
# Snowy Range Herd Unit Hunt Areas 38 & 41

- ❑ Mid Winter Trend Count Objective – 75
    - ❑ 2018 Mid-Winter Trend Count– 120
      - 3-year trend count avg-163
  - ❑ Secondary Management Objectives:
    - ❑ 3-year avg of 4 yrs of age for harvested bulls
      - ❑ 2016-2018: 5.2 yrs
    - ❑ 3-year avg of >40% of bulls in harvest > 5 yrs
      - ❑ 2016-2018: 65%
    - ❑ Maintain sustainable communities of willow species
  - ❑ 2018 Postseason Calf/Cow ratio – 51 Juv/100 Fem
  - ❑ 2018 Postseason Bull/Cow ratio – 94 Male/100 Fem
- \*No changes to hunting seasons proposed**

# Bighorn Sheep



markgocke.com



# Laramie Peak Herd Unit Hunt Area 19

- Management Objective – Limited Opportunity
- Secondary Management Objectives:
  - 5-yrs running avg of >75% hunter success
    - 2014-2018 (3 hunting seasons): 90% hunter success
  - 5-yrs running avg age of harvested rams between 6 and 8
    - 2014-2018 : 7 years of age
  - Document adult rams in the population (37 in 2018, 5-yrs avg: 30 rams)
- 2018 Postseason Lamb/Ewe ratio – 40 Juv/100Fem
- 2018 Postseason Ram/Ewe ratio – 82 Male/100Fem
- Propose to keep the existing herd unit population objective

# Encampment River Herd Unit Hunt Area 21

- ❑ Management Objective – Limited Opportunity
- ❑ Secondary Management Objectives:
  - ❑ 5-yrs running avg of >75% hunter success
    - ❑ 2014-2018 (3 hunting seasons): 100% hunter success
  - ❑ 5-yrs running avg age of harvested rams between 6 and 8
    - ❑ 2014-2018 : 10.8 yrs of age
  - ❑ Documented adult rams in the population
- ❑ 2018 Postseason Estimate – 50
- ❑ 2018 Postseason Lamb/Ewe ratio – 38 Juv/100 Fem
- ❑ 2018 Postseason Ram/Ewe ratio – 54 Male/100 Fem

# Douglas Creek Herd Unit Hunt Area

18

- Management Objective – Limited Opportunity
- Secondary Management Objectives:
  - 5-yrs running avg of >75% hunter success
    - 2014-2018 (3 hunting seasons): 100% hunter success
  - 5-yrs running avg age of harvested rams between 6 and 8
    - 2014-2018 : 7 yrs of age
  - Documented adult rams in the population
- 2018 Post Season Estimate – 100
- 2018 Postseason Lamb/Ewe ratio – 22 Juv/100Fem
- 2018 Postseason Ram/Ewe ratio – 51 Male/100Fem

# Laramie Region Bighorn Sheep

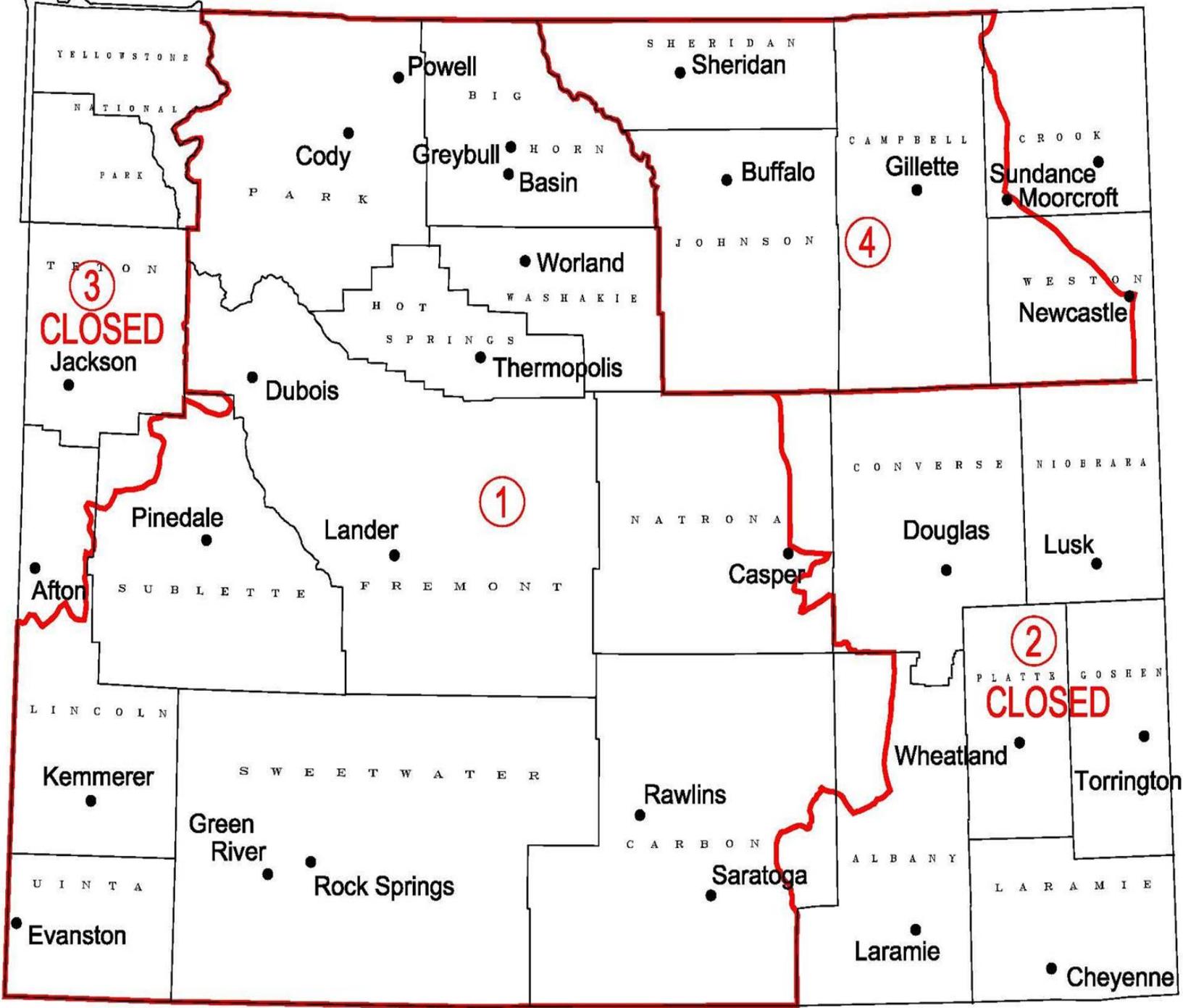
Hunt Area	Type	Season		Quota	License	Limitations
		Open	Close			
18, 21	1	Sep. 1	Oct. 31	<del>2</del> 0	Limited quota	<del>Any ram (2 residents)</del> <b>CLOSED</b>
19	1	Sept. 1	Oct. 31	8	Limited quota	Any ram
17, 26	1	Sep. 1	Oct. 31	<del>4</del> 5	Limited quota	Any ram

\*Close Hunt Areas 18,21

\*Increase license quota in Hunt Area 17,26 by one

# Sage Grouse





# Sage Grouse Season Proposals

Hunt Area	Dates of Seasons		Bag Limit		Limitations
	Opens	Closes	Daily	Possession	
1	Sep. <del>15</del> <u>21</u>	Sep. 30	2	4	Any sage grouse
2,3					CLOSED
4	Sep. <del>15</del> <u>21</u>	Sep. <del>17</del> <u>23</u>	2	4	Any sage grouse

# Pheasant Season Proposal

Hunt Area	Dates of Seasons		Bag Limit		Limitations	Shooting Hours	
	Opens	Closes	Daily Possession			Start	End
7	Nov. <del>3</del> <u>2</u>	Dec. 31	3	9	Male pheasant only	½ hour before Sunrise Sunset <u>Table Mountain</u> <u>WHMA</u> ½ hour before 4:00 p.m. Sunrise	
8	Oct. <del>18</del> <u>17</u>	<del>Nov. 2</del> <u>1</u>	3	Season Limit 3	Any pheasant (Springer permits) Refer to Section 5	8:00 a.m.	4:00 p.m.
8	Nov. <del>3</del> <u>2</u>	Nov. <del>16</del> <u>15</u>	3	9	Any pheasant	8:00 a.m.	4:00 p.m.
9	Nov. <del>3</del> <u>2</u>	Dec. 31	3	9	Any pheasant (Glendo permits) Refer to Section 6	8:00 a.m.	4:00 p.m.
11	Nov. <del>3</del> <u>2</u>	Dec. 31	3	9	Any pheasant	½ hour before	Sunset

# Springer Special Hunt

- There shall be a Springer permit pheasant season in Hunt Area 8 beginning October 17 through November 1.
- The youth only hunt days are October 19 and October 27

# Glendo Permit

- Youth only hunt days shall be November 3,10,17 and 24

# Habitat



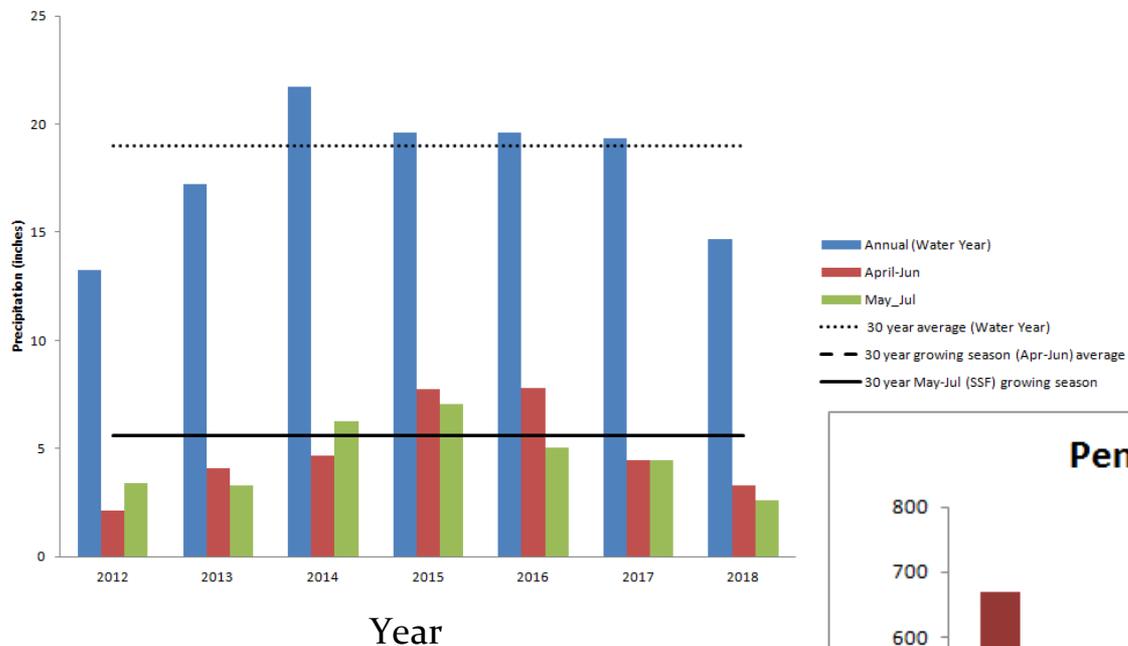
# Habitat and Wildlife Populations

- Availability and Condition → # animals landscape can support
  - Forage availability and quality
  - Thermal/security cover
  - Water distribution
  - Migration/habitat connectivity
  - Disturbance factors

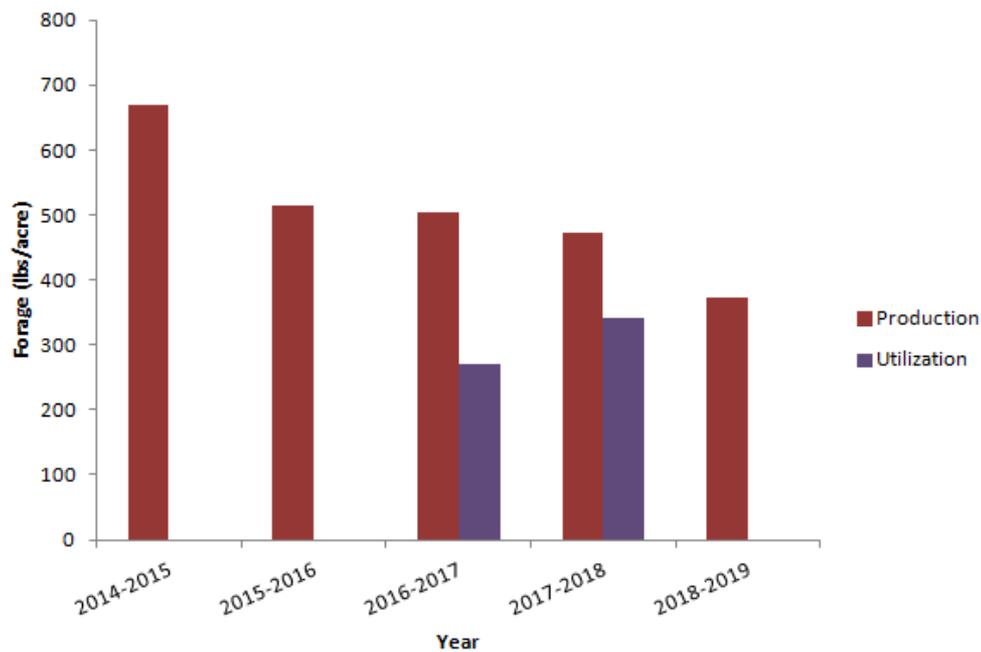


# Habitat Monitoring - Annual

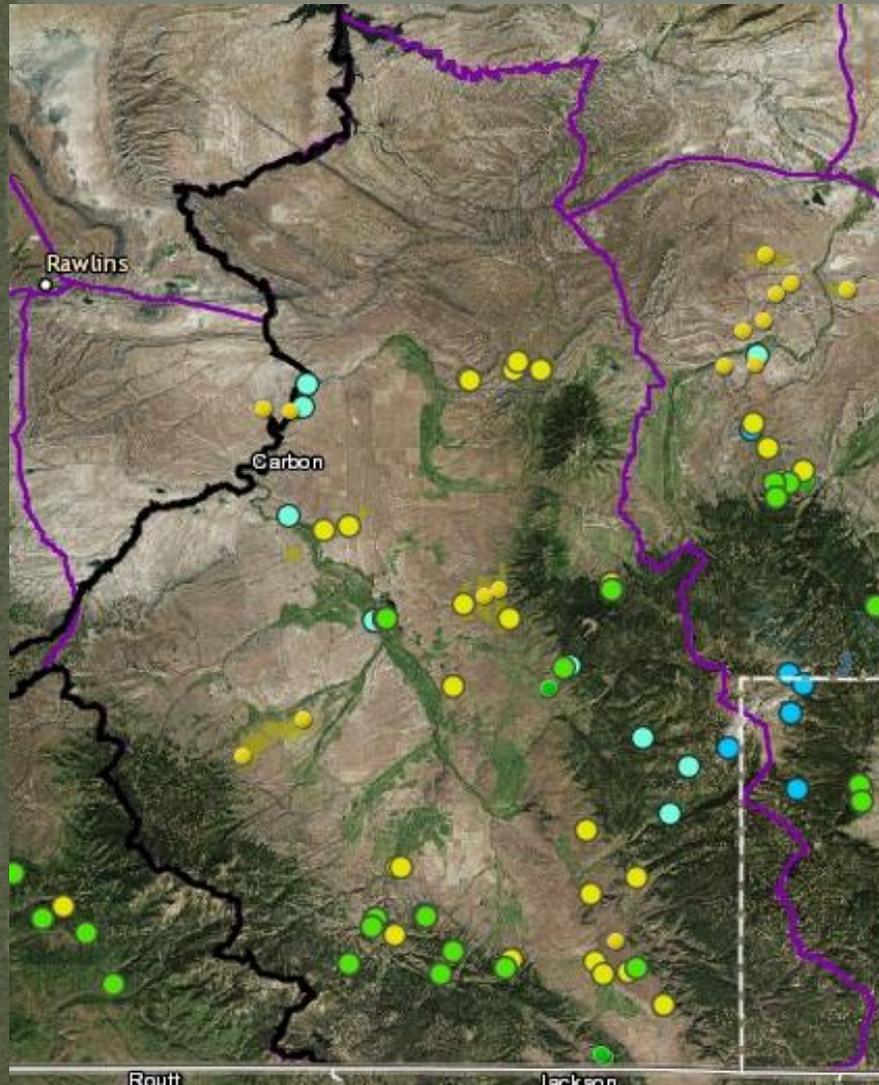
2012-2018 MD541 Precipitation



Pennock Production/Utilization



# Habitat Monitoring - Long-term condition



- Forage diversity & density
- Shrub age & hedge class
- Invasives
- Conifer encroachment
- Disturbance history
- Overall site function



# Habitat Improvements



# Comments for WGF Commission

- Written comment forms available here
- Submit comments in writing with signature
- All comments submitted to WGF Commission
- Submit comments by April 1<sup>st</sup>, 5:00PM

online : <http://wgfd.wyo.gov>

written:

Wyoming Game and Fish Department

Attn: Regulations

3030 Energy Lane

Casper, WY 82604

Thank You

