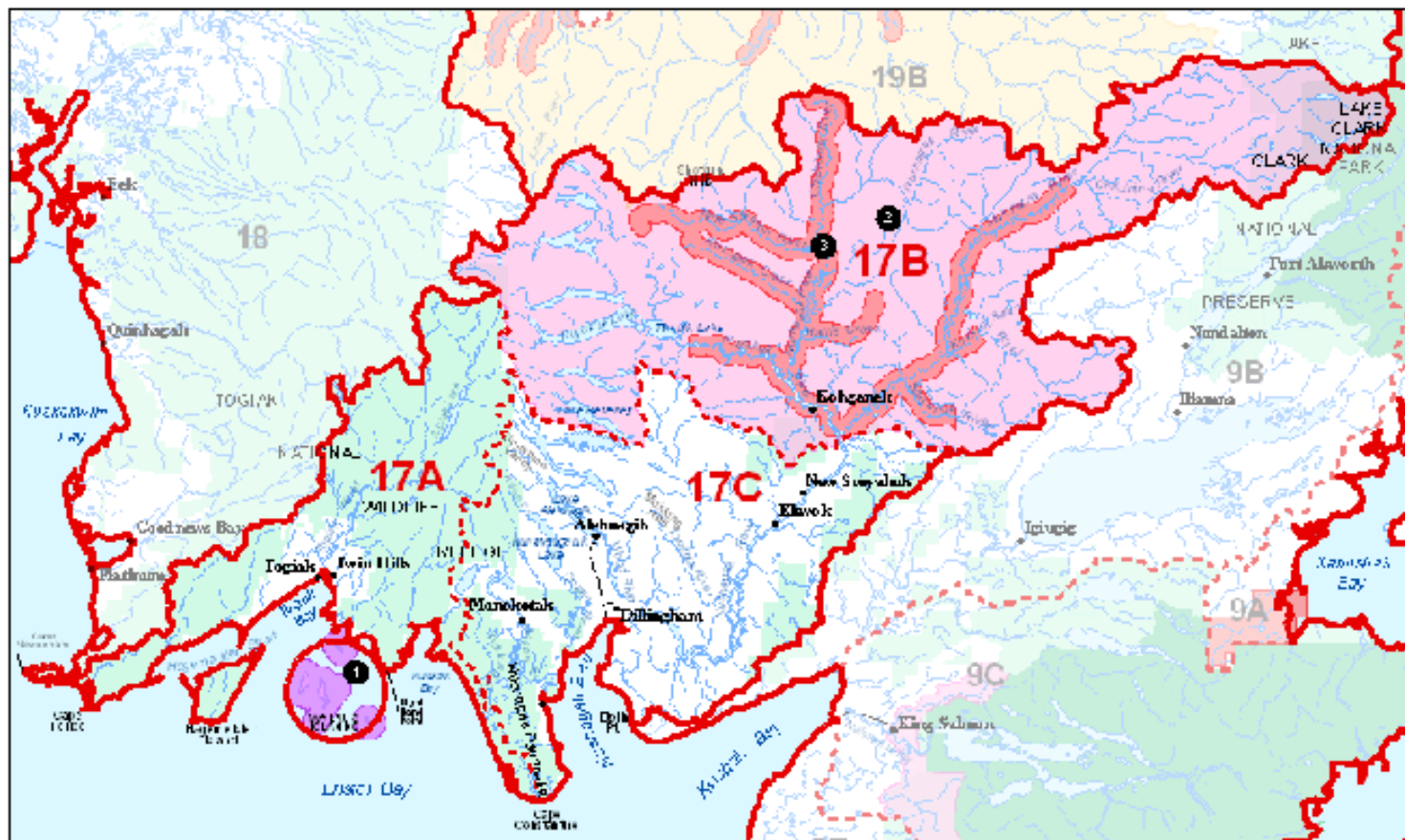


# Game Management Unit 17

## RC 2, Tab 3

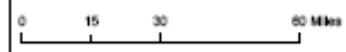
- **Location: Northern Bristol Bay**
- **Size: 18,800 sq. mi.**
- **Office: Dillingham**
- **Staff: Area Biologist – Jim Woolington  
Program Technician – Eunice Dyasuk**



# Unit 17

## Bristol Bay

Region 2

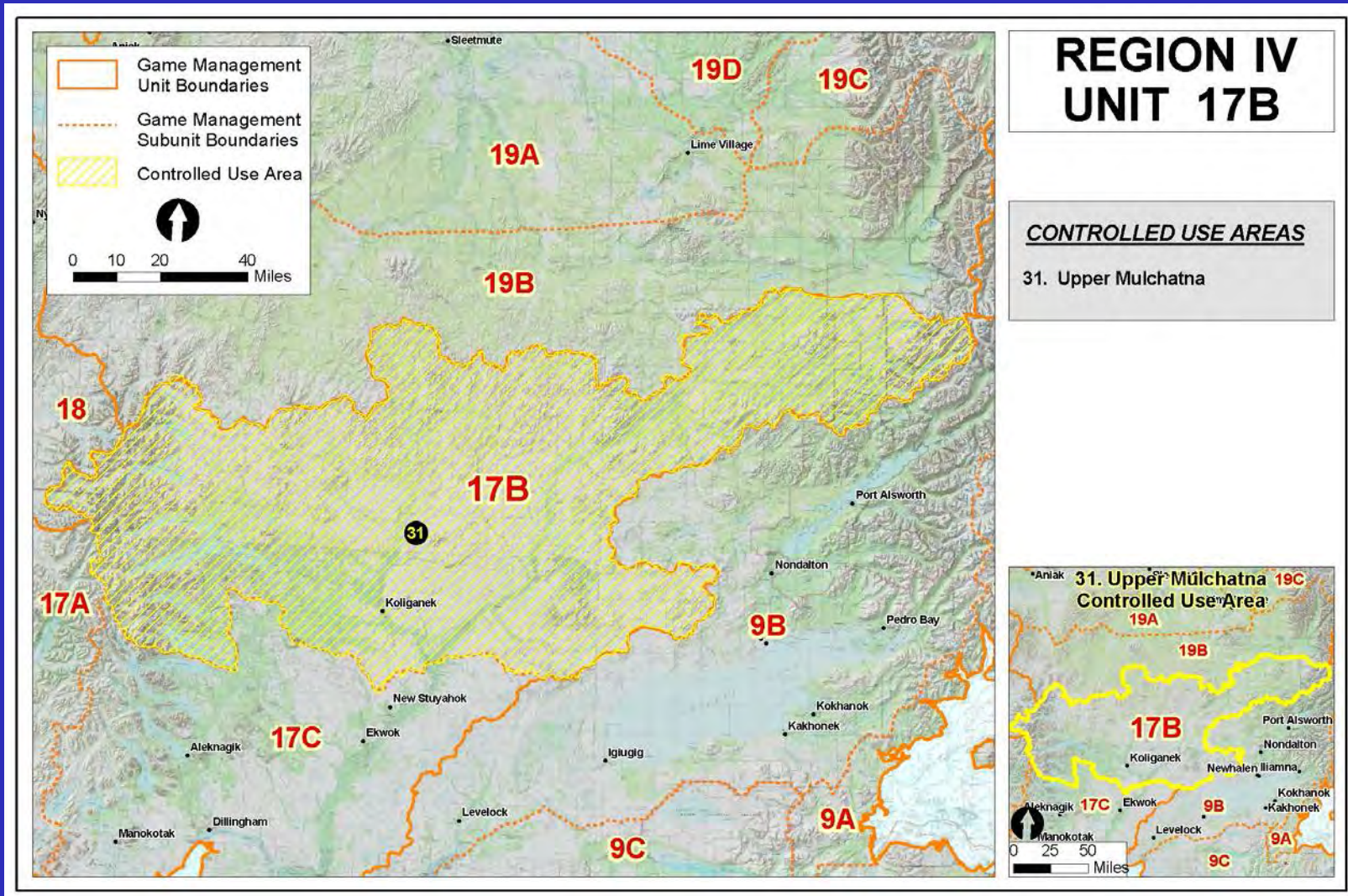


### Game Management Units / Special Management Areas

- State Closed Areas
- State Controlled Use Areas
- State Management Areas
- State Refuges, Sanctuaries, & Critical Habitat Areas
- Other State Lands
- National Parks
- National Preserves & Other Federal Lands
- Unit Boundaries
- Unit Sub-Boundaries
- Roads
- Railroads

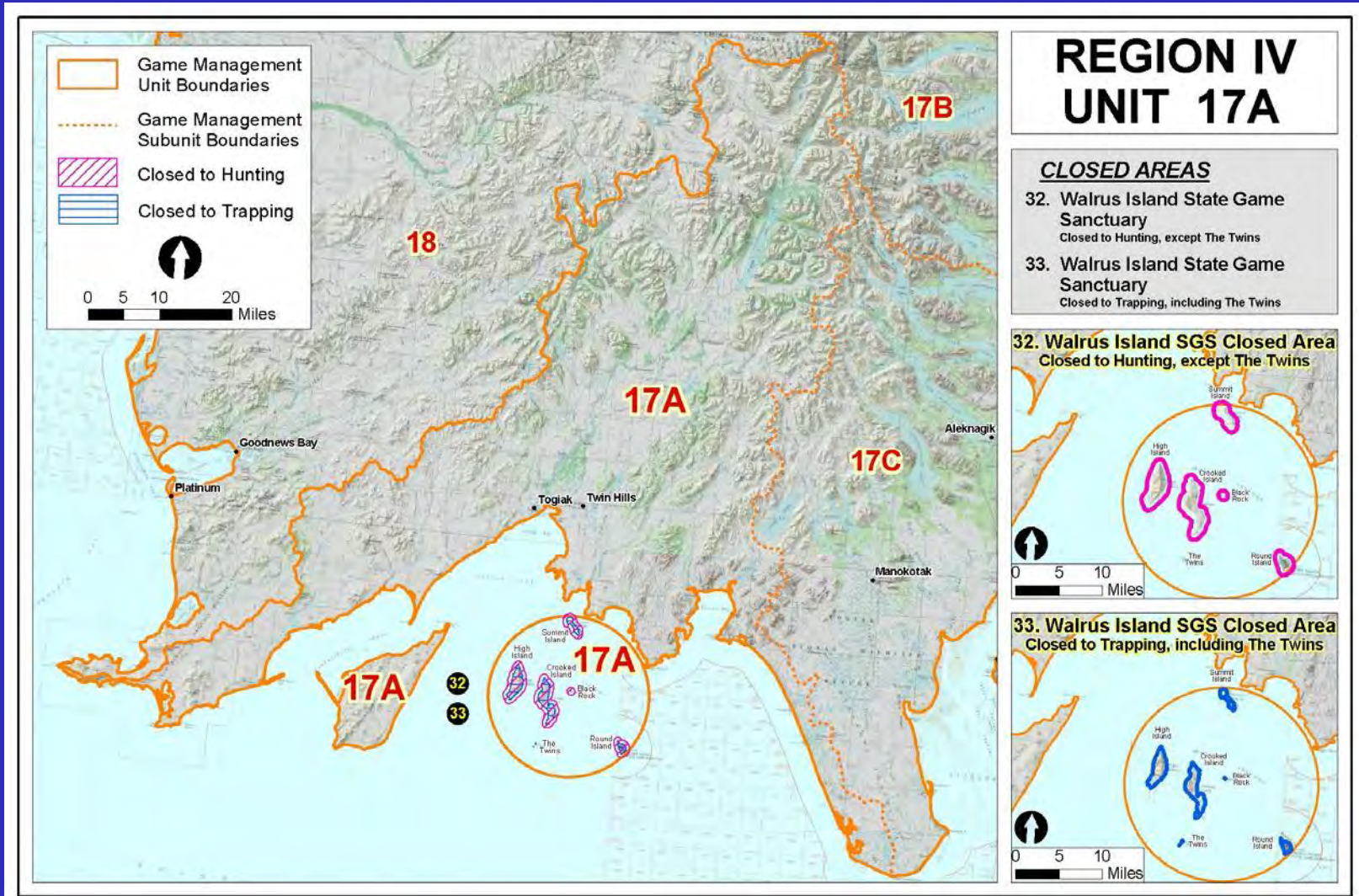
Updated 12/23/2005

# Upper Mulchatna Controlled Use Area





# Walrus Islands State Game Sanctuary



# GMU 17: MOOSE

## STATUS:

17A – Increasing (~1,200 Mar. 2011)

17B – Stable to decreasing (2,000-3,200 Mar. 2010)

17C – Stable to increasing (2,900-3,600 Mar. 2008)

## INTENSIVE MANAGEMENT OBJECTIVES:

17A – Not applicable

17B – Population: 4,900 - 6,000 Harvest: 200-400

17C – Population: 2,800 - 3,500 Harvest: 165 – 350

HARVEST: ~1,200 hunters take ~350 moose

ISSUES: Perceived conflicts between local and nonlocal hunters  
Predation and low calf numbers in 17B  
Poor weather for fall surveys

PROPOSAL: 48

# GMU 17: CARIBOU

## STATUS:

Mulchatna – herd size stabilizing ?? (30,000-40,000)

Nushagak Peninsula – herd size increasing (805 – Feb 2012)

## INTENSIVE MANAGEMENT OBJECTIVES:

MCH- Population: 30,000 - 80,000 Harvest: 2,400 - 8,000

Nushagak Peninsula – Not applicable

## HARVEST:

MCH – 2011-12: 541 hunters reported 470 caribou

Nushagak Peninsula – limited federal registration hunt

MCH ISSUES: Bull:cow ratio below objective, but increasing  
IM program to increase calf survival  
Unreported harvests  
Harvest below IM objective

Proposals: 45, 46, 47

# GMU 17: Bears

**STATUS:** - **Brown Bears** – probably stable to increasing  
- **Black Bears** – probably stable

**POPULATION MANAGEMENT OBJECTIVE:**

- **Brown Bears** – sustain harvest of 50, w/ at least 50% males  
- **Black Bears** – sustain harvest w/ at least 60% males

**HARVEST:** - **Brown Bears** – average 114 per year since 2000  
- **Black Bears** – average 10 per year since 2000

**ISSUES:** - **Predation on moose and caribou**  
- **Conflicts between brown bears and people in camps and communities**

**PROPOSALS:** 49, 50, 51

# GMU 17: Wolves

**STATUS:** Plentiful and widespread

**MANAGEMENT OBJECTIVE:**

**Maintain population that will sustain harvest of at least 25 per year**

**HARVEST:** Variable; 30 – 140 per year since 1993

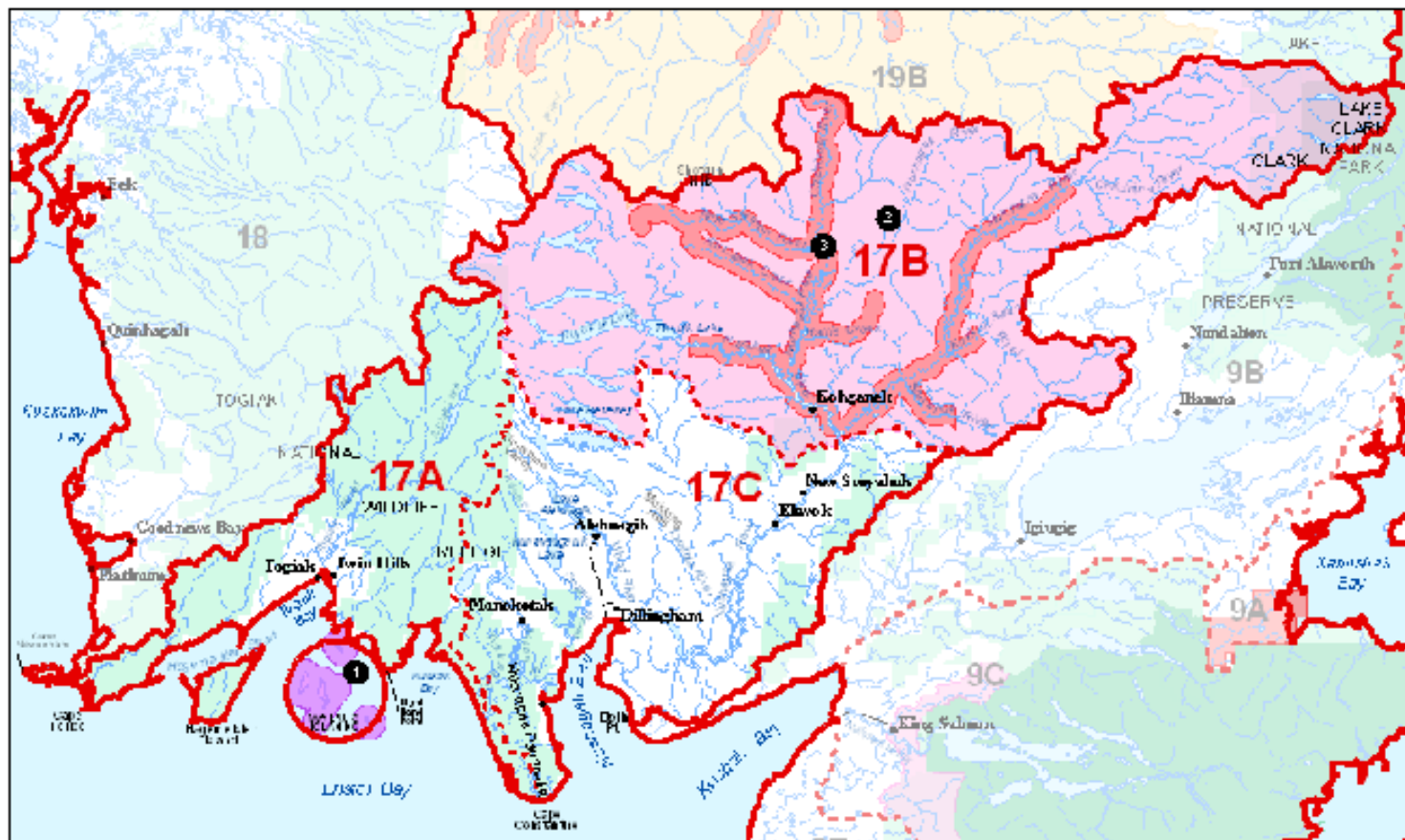
**ISSUES:** - Predation on moose and caribou

- No unit-wide surveys

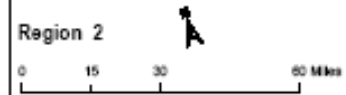
- Predation control for caribou

**PROPOSALS:** None





# Unit 17 Bristol Bay



Game Management Units / Special Management Areas

State Closed Areas	Other State Lands	Unit Boundaries
State Controlled Use Areas	National Parks	Unit Sub-Boundaries
State Management Areas	National Preserves & Other Federal Lands	Roads
State Refuges, Sanctuaries, & Critical Habitat Areas		Railroads

Updated 12/23/2005

# **Mulchatna Caribou Herd Predation Management Area 5 AAC 92.111 (c)**

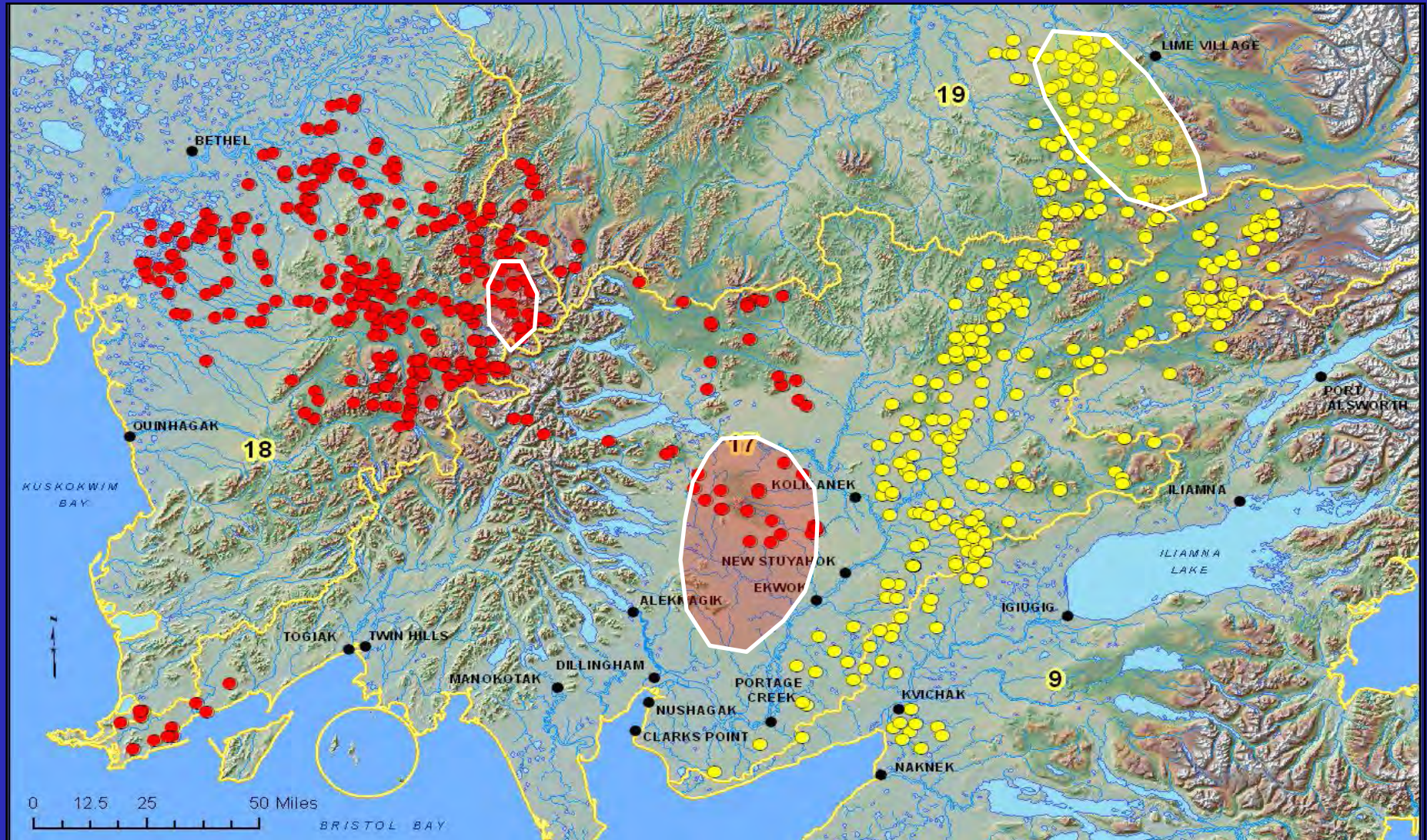
- **GMUs 9B, 17B&C, 19A&B**
- **Increase the MCH to aid in achieving intensive management objectives**



# Current annual range and calving areas

● - Western group

● - Eastern group





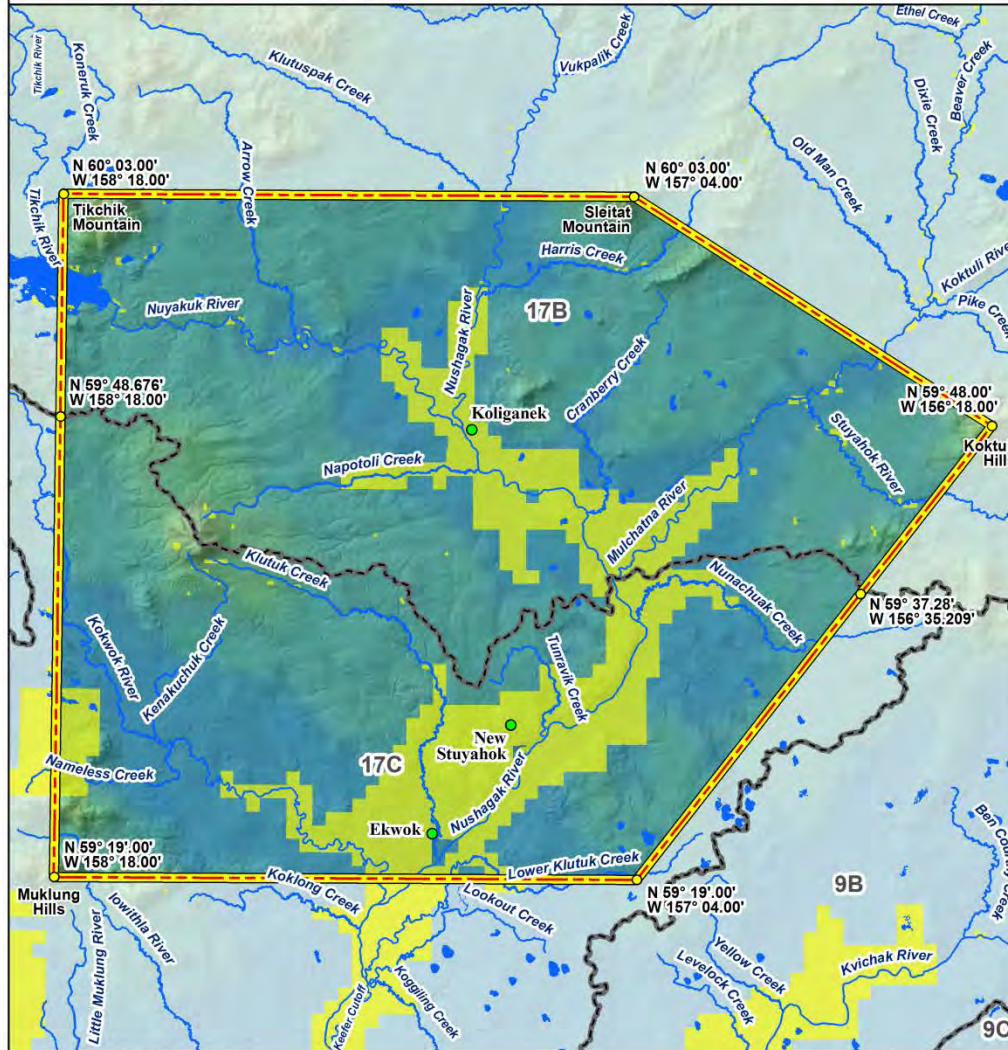
# Unit 17B/C Wolf Control Area Winter 2012



Alaska Department of Fish and Game  
Division of Wildlife Conservation  
DNR Land Status 2011

- Wolf Control Area
- Native Land
- Subunit Outline

That portion of Unit 17B south of a line between Tikchik Mountain (N 60° 03.00', W 158° 18.00') and Sleitat Mountain (N 60° 03.00', W 157° 04.00'), then southeast to the Koktuli Hills (N 59° 48.00', W 156° 18.00') then southwest to a point at N 59° 37.28', W 156° 35.209' on the 17B/17C subunit boundary, then west along the subunit boundary to a point at N 59° 48.676', W 158° 18.00', then straight north to the beginning point, and that portion of 17C south of a point at N 59° 48.676', W 158° 18.00', then east along the subunit boundary to a point at N 59° 37.28', W 156° 35.209', then southwest to Lower Klutuk Creek (N 59° 19.00', W 157° 04.00'), then west to the Muklung Hills (N 59° 19.00', W 158° 18.00'), then north to the beginning point.





# MCH Wolf Control Permits

	Permits Approved	
	<u>RY11</u>	<u>RY12*</u>
<b>Pilot</b>	<b>34</b>	<b>29</b>
<b>Gunner</b>	<b>20</b>	<b>18</b>
<b>Participated</b>	<b>16</b>	
<b>No. of Wolves</b>	<b>11</b>	

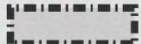
\* As of Jan. 30, 2013. Control efforts started Feb. 1



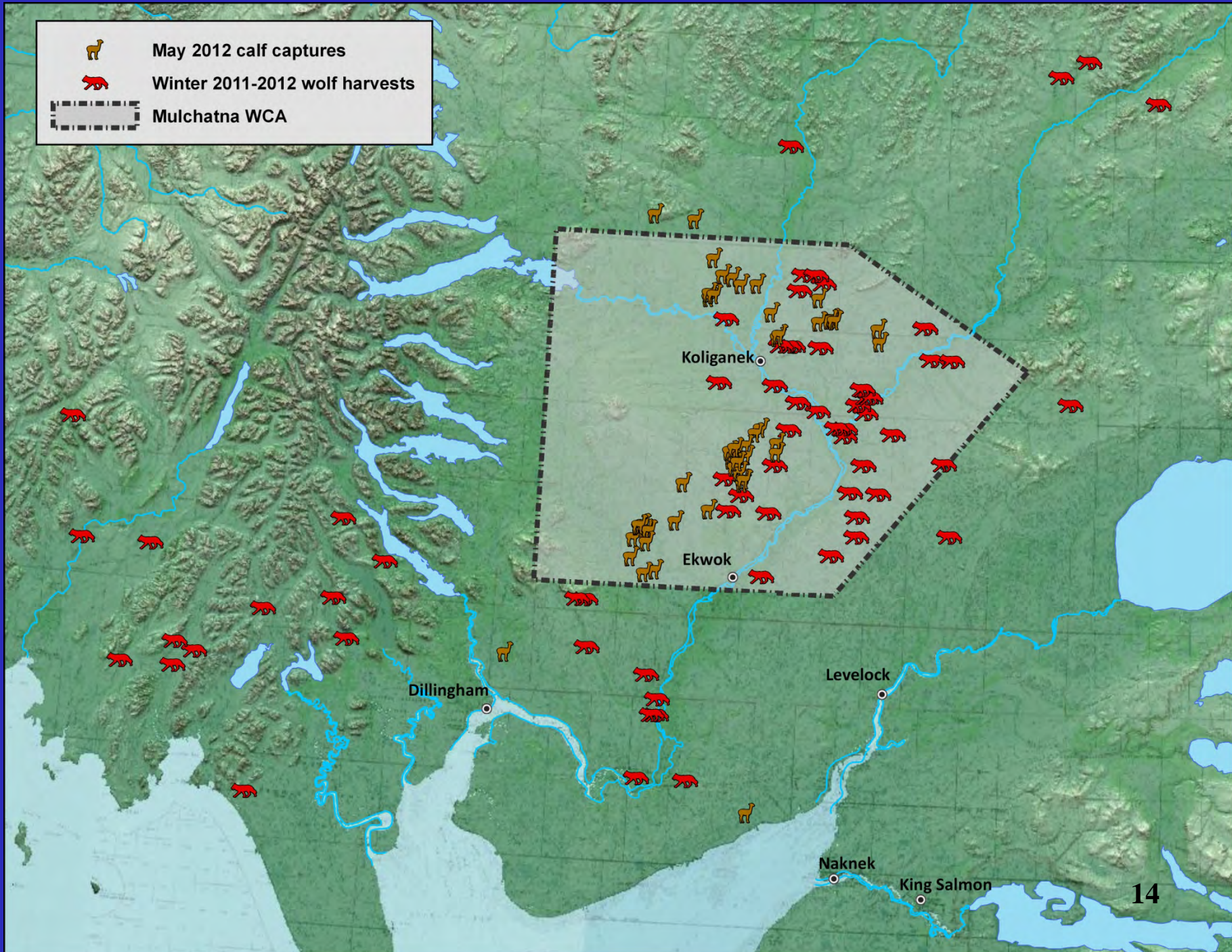
May 2012 calf captures



Winter 2011-2012 wolf harvests



Mulchatna WCA

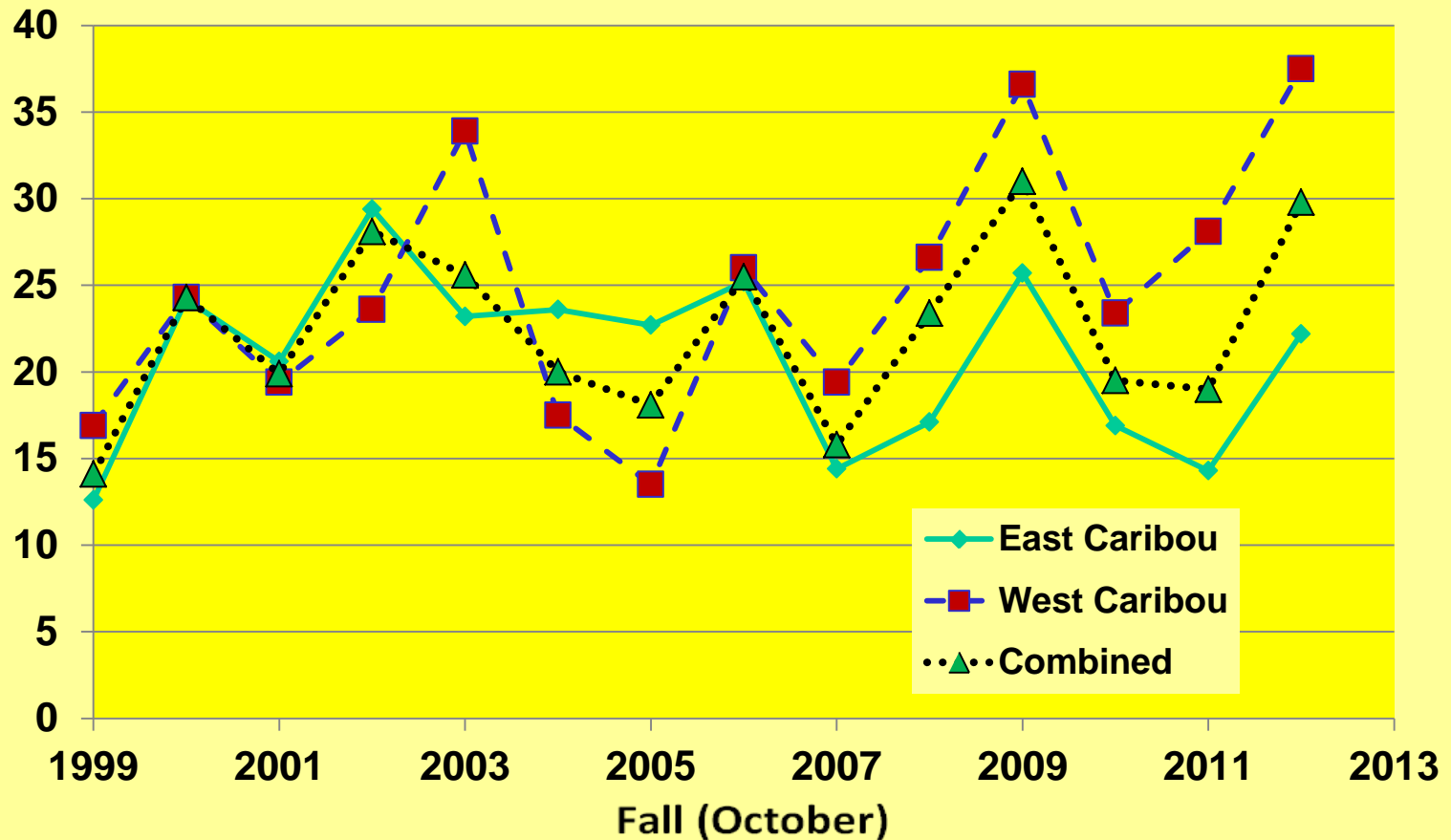


# Mulchatna Caribou Calving Study

	Kemuk Mt.		Tundra Lake	
	<u>2011</u>	<u>2012</u>	<u>2011</u>	<u>2012</u>
<b>Sample Size</b>	78	52	7	65
<b>Survival - Birth to 14 days:</b>				
	73%	92%	19%	40%
<b>Killed by wolves:</b>				
	5	0	2	3

# MCH Fall Surveys 1999-2012

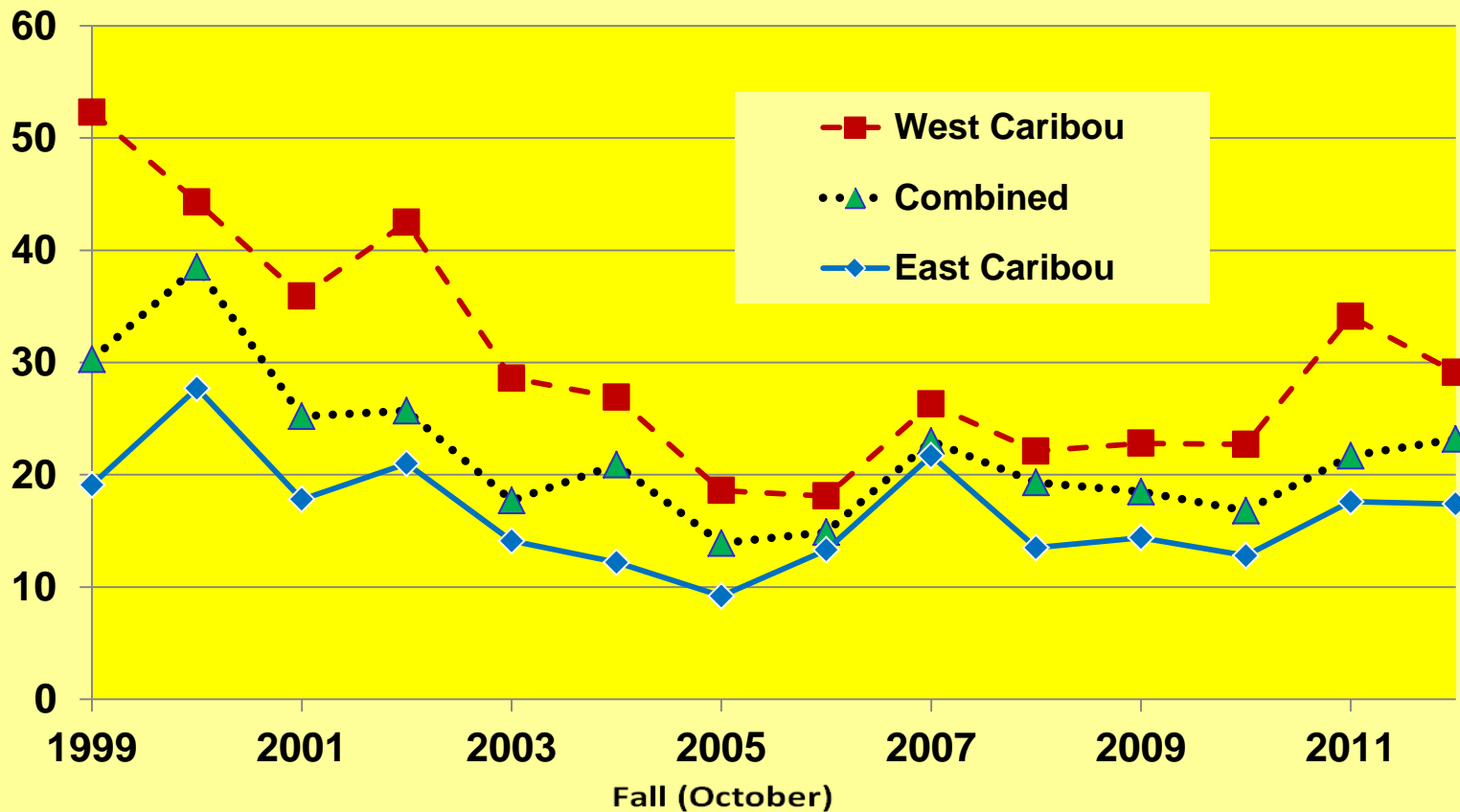
## Calves : 100 Cows





# MCH Fall Surveys 1999-2012

## Bulls : 100 Cows



# Mulchatna Caribou Herd Predation Management Area

**5 AAC 92.111 (c)**

- **Wolf control - continue**
- **Calf study – May 2013**
- **Telemetry and annual surveys to continue**