

Nelchina Caribou Harvest Plans



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Nelchina Caribou

Objectives

Population: 35,000-40,000

Harvest: 3,000-6,000

Amount Reasonably Necessary for
Subsistence (ANS): 600-1,000

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Nelchina Caribou

Hunts affecting this herd:

Federal:	FC1302 FC1202 (Tetlin fall)
State Subsistence:	CC001 RC561 RC562
State Nonsubsistence:	DC485 (up to 5,000) YC495(up to 200) DCXXX (up to 200)

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Nelchina Caribou

Three Basic Strategies:

When the herd is **above the upper end** of the objectives:

All hunts are held.

Federal Subsistence:	FC1302 FC1202
State Subsistence:	CC001 RC561 RC562
State Nonsubsistence:	DC485 (up to 5,000) YC495(up to 200) DCXXX (up to 200)

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Nelchina Caribou

Three Basic Strategies:

When the herd is **below the lower end** of the objectives:

Only Tier II hunt will be guaranteed.

There will be a transition

Federal Subsistence?:	FC1302
(State / Federal Coordination needed)	FC1202
State Subsistence:	Tier II during next application period Tier I hunts*
State Nonsubsistence:	DC485 (up to 5,000)* YC495 (up to 200)* DCXXX (up to 200)*

* These hunts will only be held if permits were awarded

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Nelchina Caribou

Three Basic Strategies:

When the herd is

within objectives:

All hunts are held

Harvest Allocation on a sliding scale

Federal Subsistence?:	FC1302
(State / Federal Coordination needed)	FC1202 (Tetlin fall)

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Nelchina Caribou

Three Basic Strategies:

When the herd is

within objectives:

All hunts are held

Harvest allocation on a sliding scale

State Subsistence:	CC001
(ANS 600-1,000)	RC561
	RC562

Lower participation anticipated at lower quotas

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Nelchina Caribou

Three Basic Strategies:

When the herd is

within objectives:

All hunts are held

Harvest allocation on a sliding scale

State Nonsubsistence:	DC485 (up to 5,000)*
	YC495 (up to 200)*
	DCxxx (up to 200)*

* These hunts will only be held if permits were awarded at lower quotas

Permit numbers adjusted to optimize and achieve harvest

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Nelchina Caribou

RY18 example: Population estimate 35,700

Calculated harvestable surplus: 1,800

(based on population and composition)

Federal hunts (expected harvest 400)

State subsistence hunts (high participation)

- CC001 expected harvest of 150
- RC561 expected harvest of 500*
- RC562 expected harvest of 500*

* To provide 'reasonable opportunity' 1,550

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Nelchina Caribou

RY18 example: Population estimate 35,700

Calculated harvestable surplus: 1,800

(based on population and composition)

Remainder to State nonsubsistence (250)

- DC485 5,000 permits

1,800

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Nelchina Caribou

Harvest

- FC1302 334 (212/119/3)
- FC1202 5
- CC001 148/150
- RC561 531/500
- RC562 527/500
- DC485 260/250

1,805/1,800

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Nelchina Caribou

RY19 example: Population est. **33,229 (37,700)**

Calculated harvestable surplus: 1,400

(based on population and composition,
fewer bulls available)

Federal hunts (expected harvest 400)

State subsistence hunts (high participation)

- CC001 expected harvest of 150
- RC561 expected harvest of 350*
- RC562 expected harvest of 350*

* To provide 'reasonable opportunity'

1,250

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Nelchina Caribou

RY19 example: Population estimate (37,700 July)

Calculated harvestable surplus: 1,400

(based on population and composition, fewer bulls)

Remainder to State nonsubsistence (150)

- YC495 200 permits (expected harvest 50)
 - DC485 400 permits (expected harvest 100)
 - DCxxx (nonresident hunt not held)
- 1% Rule? (1,000 = 10 NR)

1,400

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Nelchina Caribou

RY22 example: Population estimate 39,700

Calculated harvestable surplus: 3,400

(based on population and composition,
fewer bulls available)

Federal hunts (expected harvest 400+)

State subsistence hunts (high participation)

- CC001 expected harvest of 150
- RC561 Expected harvest of 500+*
- RC562 Expected harvest of 500+*

* To provide 'reasonable opportunity'

1550+

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Nelchina Caribou

RY19 example: Population estimate **39,700**

Calculated harvestable surplus: 3,400

(based on population and composition)

Remainder to State nonsubsistence (1,800)

- YC495 200 permits (expected harvest 80)
- DC485 5,000 permits (expected harvest 1,620)
- DCxxx 200 permits (expected harvest 100)

3,350

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