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Alaska Nonresident Dall Sheep Hunter Survey



ALASKA DEPARTMENT OF FISH AND GAME

STATE OF ALASKA

DEPARTMENT OF FISH AND GAME

DIVISION OF GAME

BILL SHEFFIELD, GOVERNOR

P.O. BOX 3-2000
JUNEAU, ALASKA 99802
PHONE: (907) 465-4190

February 10, 1984

Dear Sheep Hunter:

Thanks for returning your sheep hunter report form to us at the Alaska Department of Fish and Game. According to your report, you hunted Dall sheep in Alaska in 1983. We hope you are willing to participate in an important survey about sheep hunting in Alaska.

This survey is designed to estimate the economic value of Dall sheep hunting by asking how much hunters spend to hunt sheep and how much they value this experience. With this information we can estimate the importance of sheep hunting to Alaska's economy.

There is a critical need for this information. As Alaska moves ahead with programs that designate land for uses such as agriculture, housing, industry, and recreation, it makes sense to compare these potential land uses in terms of their economic value to the State. At present we do not have enough information on the value of sheep hunting to make fair comparisons between it and other land uses. With this information land allocation decisions may be improved by being based on more complete information.

We are not attempting to measure all economic values of Dall sheep. Certainly, other values exist such as the worth of un hunted sheep, but those values are more difficult to measure.


As you fill out the enclosed questionnaire, you will find some questions similar to those on your hunter report form. There are also questions about how you traveled to and from your hunting area. The purpose of these questions is to apply a travel-cost analysis technique used in resource economics. We then ask how much you spent on your 1983 sheep hunt and what, in general, you purchased. The answers to these questions will help show sheep hunting's value to the State's economy. To determine the value of sheep hunting to you, the hunter, we then ask questions that place you in imaginary situations of being able to buy and sell sheep hunting opportunities. These questions are very important, and we hope you will enjoy answering them.

Please take this opportunity to provide information that will help assure adequate evaluation of Dall sheep hunting in Alaska. Please complete this questionnaire today and return it in the postage-paid envelope provided for your convenience. Your answers will be kept confidential and anonymous and released only as part of total figures in a comprehensive report.

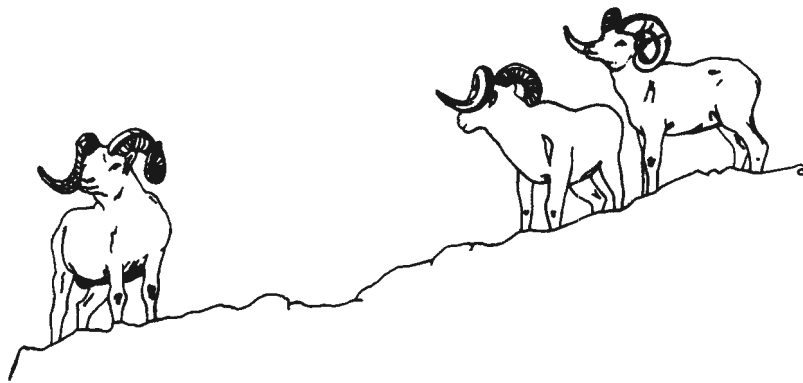
Should you have any questions about this questionnaire or its use, please telephone Wayne Heimer or Sarah Watson at (907) 456-5156.

Thank you.

Sincerely,



W. Lewis Pamplin, Jr.
Director
Division of Game
(907) 465-4190



This questionnaire is being sent to those who hunted Dall sheep in Alaska in 1983. Your answers to this questionnaire are very important. They will help define an economic value for Dall sheep hunting which will be used to help plan for the future availability of Dall sheep hunting opportunities in Alaska.

Directions:

Most questions require a simple check mark (✓) to answer. Please write your answers clearly in dark pen or pencil. Your answers will be kept anonymous and confidential, released only as part of total figures in a comprehensive report.

Please answer this questionnaire and return it today in the postage-paid envelope provided for your convenience. We appreciate your help.

First, we would like to know a little about you as a Dall sheep hunter.

1. Please list all the years you have gone sheep hunting in Alaska:
1983, _____

2a. How many times have you killed a Dall sheep in Alaska including your 1983 hunt? _____ times

2b. Did you kill a Dall sheep in Alaska in 1983? _____ yes _____ no

3a. Do you plan to hunt Dall sheep in Alaska in the future? _____ yes _____ no _____ don't know

3b. If yes, about how often in your life do you expect to go? (Check (✓) one.)

- _____ once or twice more in my life
- _____ once every 5 years of my life
- _____ once every 3-4 years of my life
- _____ every other year
- _____ every year

Now we would like to know a little about your 1983 Dall sheep hunt.

4a. Why did you visit Alaska in 1983? Rank the reasons which apply to you, letting #1 be the most important reason for visiting Alaska.

- visit relatives
 - tourism/vacation
 - hunt Dall sheep only
 - hunt big game
 - other _____
- (please specify)

4b. If you came to Alaska in 1983 to hunt big game, rank in order of preference the species you hunted. Let #1 be the species you most wanted to hunt.

- | | |
|---|--|
| <input type="checkbox"/> black bear | <input type="checkbox"/> moose |
| <input type="checkbox"/> brown bear (grizzly) | <input type="checkbox"/> mountain goat |
| <input type="checkbox"/> caribou | <input type="checkbox"/> muskoxen |
| <input type="checkbox"/> Dall sheep | <input type="checkbox"/> wolf |
| <input type="checkbox"/> deer | <input type="checkbox"/> wolverine |
| <input type="checkbox"/> elk | |

5. Would you have made your 1983 trip to Alaska if you couldn't have hunted Dall sheep? yes no don't know

6a. What type(s) of transportation did you use to travel round-trip to Alaska?

- commercial airline
 - highway vehicle
 - boat
 - other _____
- (please specify)

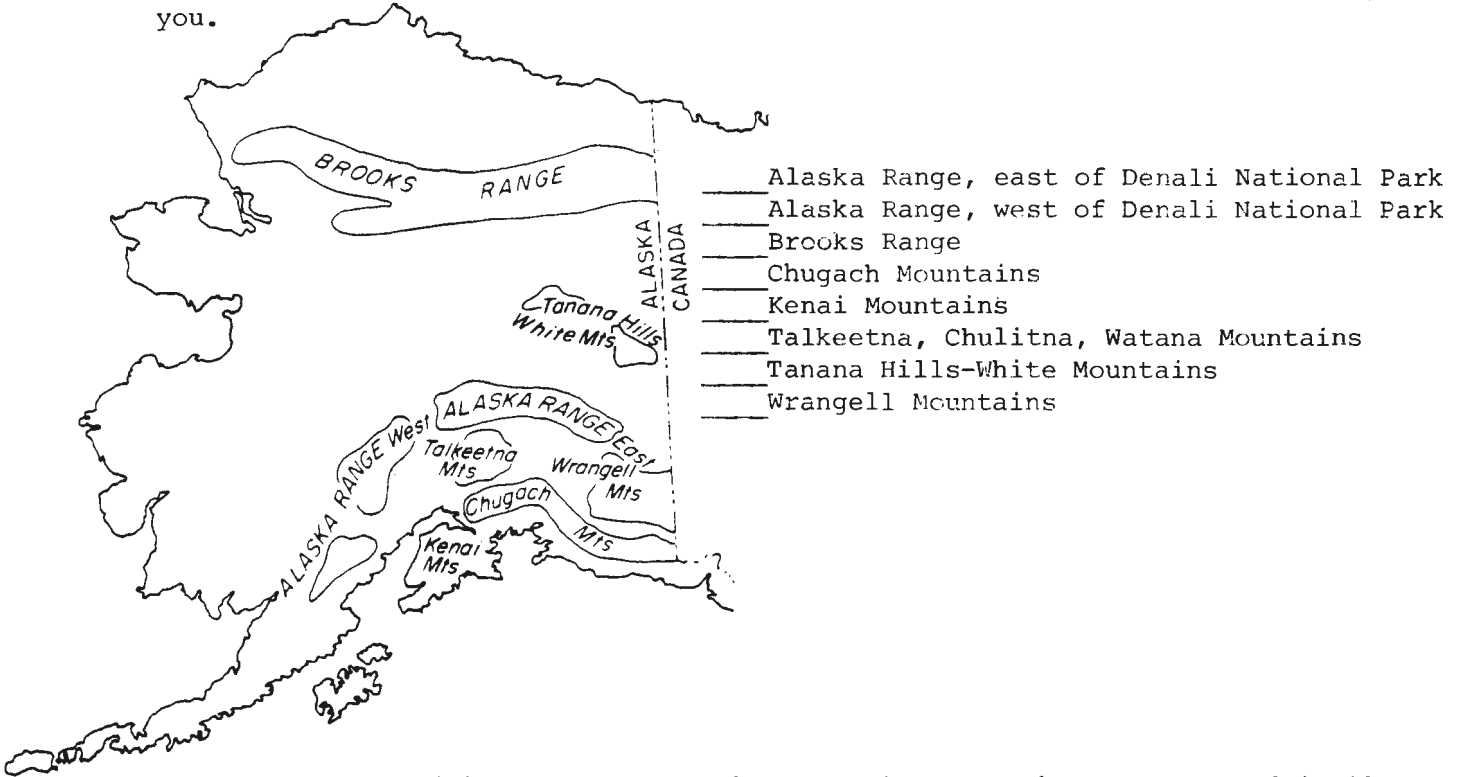
6b. About how long did you spend traveling round-trip to Alaska? _____ days traveling

7a. Once in Alaska, what type(s) of transportation did you use to get to and from your sheep hunting area (before you started walking)?

- | | |
|---|---|
| <input type="checkbox"/> commercial airline | <input type="checkbox"/> off-road vehicle |
| <input type="checkbox"/> single engine/"bush" plane | <input type="checkbox"/> snow machine |
| <input type="checkbox"/> horse | <input type="checkbox"/> highway vehicle |
| | <input type="checkbox"/> other _____ |
- (please specify)

7b. Once in Alaska, how long did you spend traveling round-trip to your sheep hunting area (not including walking time)? _____ days traveling

8. Where was your hunting area? Please check (✓) the mountain range location(s) where you hunted Dall sheep in 1983. The map of Alaska may help you.



9a. If you couldn't have gone to the mountain range where you hunted in 1983, would you have gone sheep hunting? yes no don't know

9b. If yes, where would you have gone?

(Pick one from the list in Question 8.)

10. At the time of your Dall sheep hunt, were you

- self-employed
- employed by someone else (please check (✓) one to answer)
- unemployed

11a. If you were employed or self-employed, did you take time off from your work to go sheep hunting? yes no

11b. If yes, how many days? _____ days

11c. Were any of those days off from work covered by paid vacation? yes no

11d. If yes, how many days? _____ days

12. About how much more could you have earned not including paid vacation had you not gone sheep hunting?

\$ _____ .00

13. How much did your Dall sheep hunt cost? We are interested in how much you spent and how you spent your money on your 1983 Dall sheep hunt in Alaska. Your answers to these questions will help us evaluate what Dall sheep hunting is worth and, specifically, its worth to Alaska's economy.

Please estimate your total expenses for the following categories. The cost of your guide's services may have included some of the other services as a "package hunt." Please account for as many separate costs as possible.

A. Transportation to and from Alaska: \$ _____ .00
 Guide fee: \$ _____ .00
 Tips and bonuses: \$ _____ .00

B. Additional expenses to your sheep hunt:
 License and tag fees: \$ _____ .00
 Transportation within Alaska to and from your sheep hunting area: \$ _____ .00
 Lodging: \$ _____ .00
 Restaurants and entertainment: \$ _____ .00
 Tourism and gifts: \$ _____ .00



C. You presumably bought equipment and services from businesses outside of Alaska. Please estimate your expenses to businesses in and outside of Alaska in the space given below. This will help us evaluate sheep hunting's effect on the economy. Please include only your 1983 expenditures.

Paid to businesses outside of Alaska		Paid to businesses inside of Alaska	
\$ _____ .00	Guns, ammunition, scope	\$ _____ .00	
\$ _____ .00	Binoculars, camera, film	\$ _____ .00	
\$ _____ .00	Camping equipment and supplies	\$ _____ .00	
\$ _____ .00	Taxidermy and butchering	\$ _____ .00	
Please list any other expenses:			
\$ _____ .00	_____	\$ _____ .00	
\$ _____ .00	_____	\$ _____ .00	
\$ _____ .00	_____	\$ _____ .00	
\$ _____ .00	_____	\$ _____ .00	

Total cost (A + B + C) = \$ _____ .00 (This is optional. We will add this for you if you would like.)

14. If you came to Alaska for reasons other than to hunt Dall sheep, what fraction of your expenses can you attribute to your Dall sheep hunt? Circle one.

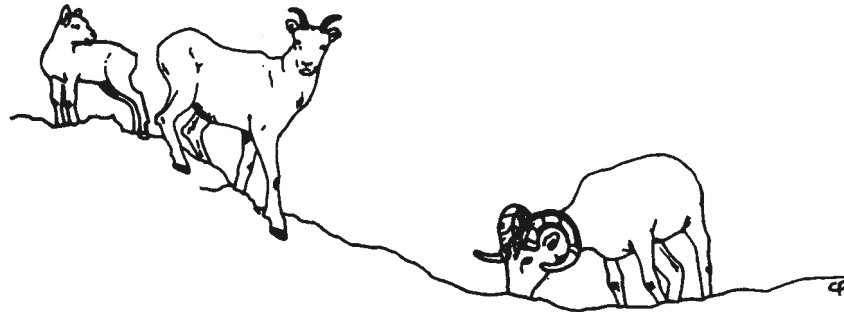
- 1/8 1/4 3/8 1/2 5/8 3/4 7/8

As long as we are talking about costs, we would like to ask you some "what if" questions. These questions involve entirely imaginary situations; they are the best way we know to determine the economic value of sheep hunting to you, the hunter. The questions may seem long, but we think you'll find them an enjoyable challenge. Please give us your best estimate.

15. "What if" all of your 1983 sheep hunting costs were greater than your estimate in Question 13? Assume your hunt was exactly the same, but costs were higher. (We have no intention of increasing license or tag fees. This is an entirely imaginary situation to help determine the economic value of sheep hunting.) HOW MUCH GREATER (over and above what you paid in Question 12) WOULD YOUR TOTAL 1983 COSTS HAVE TO HAVE BEEN BEFORE YOU WOULD HAVE DECIDED NOT TO GO SHEEP HUNTING?

\$	0.00	_____	\$	751.00 - 1,000.00	_____
\$	1.00 - 50.00	_____	\$	1,001.00 - 1,500.00	_____
\$	51.00 - 100.00	_____	\$	1,501.00 - 2,000.00	_____
\$	101.00 - 250.00	_____	\$	2,001.00 - 3,000.00	_____
\$	251.00 - 500.00	_____	\$	3,001.00 - 5,000.00	_____
\$	501.00 - 750.00	_____	more than \$5,000.00	\$ _____	.00

(Please specify)



Here is another "what if" situation:

16a. "What if" you could sell your 1984 opportunity to hunt Dall sheep in your hunting area (where you hunted in 1983)? (This is not possible to do. This is just an imaginary situation to help determine economic value.) We want to know what price you'd charge. If you were given this amount of money, you'd sell! And if you sold your hunting opportunity, you could not hunt Dall sheep in 1984 in your hunting area. WHAT IS THE LOWEST PRICE YOU'D CHARGE FOR THE SALE OF YOUR OPPORTUNITY TO HUNT DALL SHEEP IN 1984 IN YOUR 1983 HUNTING AREA?

\$	0.00	_____	\$	751.00 - 1,000.00	_____
\$	1.00 - 50.00	_____	\$	1,001.00 - 1,500.00	_____
\$	51.00 - 100.00	_____	\$	1,501.00 - 2,000.00	_____
\$	101.00 - 250.00	_____	\$	2,001.00 - 3,000.00	_____
\$	251.00 - 500.00	_____	\$	3,001.00 - 5,000.00	_____
\$	501.00 - 750.00	_____	more than \$5,000.00	\$ _____	.00

(Please specify)

(Note: we have no intention of increasing license or tag fees based on your answers.)

16b. We'd like to slightly change the question. WHAT IS THE LOWEST PRICE YOU'D CHARGE FOR THE SALE OF YOUR OPPORTUNITY IN 1984 TO HUNT DALL SHEEP IN ANY MOUNTAIN RANGE IN ALASKA? \$ _____ .00

Here is the last "what if" situation:

17a. "What if" you could sell ALL of your future opportunities to hunt Dall sheep in your 1983 hunting area? We want to know what price you'd charge. If you were given this amount of money, you'd sell! And if you sold your hunting opportunities, you could not hunt Dall sheep in your hunting area in the future. WHAT IS THE LOWEST PRICE YOU'D CHARGE FOR THE SALE OF ALL OF YOUR FUTURE OPPORTUNITIES TO HUNT DALL SHEEP IN YOUR 1983 HUNTING AREA?

- \$ 0.00 _____
 - \$ 1.00 - 50.00 _____
 - \$ 51.00 - 100.00 _____
 - \$101.00 - 250.00 _____
 - \$251.00 - 500.00 _____
 - \$501.00 - 750.00 _____
 - \$ 751.00 - 1,000.00 _____
 - \$1,001.00 - 1,500.00 _____
 - \$1,501.00 - 2,000.00 _____
 - \$2,001.00 - 3,000.00 _____
 - \$3,001.00 - 5,000.00 _____
 - more than \$5,000.00 \$ _____ .00
- (Please specify)

(Note: we have no intention of increasing license or tag fees based on your answers.)

17b. Again, we'd like to slightly change the question. WHAT IS THE LOWEST PRICE YOU'D CHARGE FOR THE SALE OF ALL OF YOUR FUTURE OPPORTUNITIES TO HUNT DALL SHEEP IN ALASKA? \$ _____ .00

Finally we would like to know a little about you. As with all answers in this questionnaire, your responses will be kept anonymous.

18. Where do you live? _____
City State

19. Which group below best describes your age?
_____ under 20 _____ 50-59
_____ 20-29 _____ 60-69
_____ 30-39 _____ 70-79
_____ 40-49 _____ 80 and over

20. Which of the following categories best describes your household income, before taxes, in 1983? Please check one.

- _____ under \$10,000 _____ \$50,000 - 59,999 _____ \$100,000 - 109,999
- _____ \$10,000 - 19,999 _____ \$60,000 - 69,999 _____ \$110,000 - 119,999
- _____ \$20,000 - 29,999 _____ \$70,000 - 79,999 _____ \$120,000 - 129,999
- _____ \$30,000 - 39,999 _____ \$80,000 - 89,999 _____ \$130,000 - 139,999
- _____ \$40,000 - 49,999 _____ \$90,000 - 99,999 _____ \$140,000 and higher

Thank you very much for your help. Are there any further comments you'd like to make? Please put them on a separate sheet and mail them to us in the envelope provided.



PLEASE RETURN THIS QUESTIONNAIRE IN THE POSTAGE-PAID ENVELOPE PROVIDED. THANK YOU!

Dear Sheep Hunter:

We haven't yet heard from you!

We sent questionnaires to everyone who hunted Dall sheep in 1983, and the replies are coming in. We haven't received yours. Please fill it out and mail it in today.

Thanks for your interest in Dall Sheep.

Wayne E. Heimer

Wayne E. Heimer
Sheep Biologist
Sarah M. Watson
Game Technician
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(907) 456-5156

Sarah M. Watson

