

1. Current population trend or estimate - and proximity to management objectives:

Winter population 250,000 Management objective = 200,000

2. 1992 Hunting season statistics:

Type/length of season:	# of hunters afield:	# of hunter days:	% success:	Harvest Antler: Antlerless:
<i>South - 3 wk either sex</i>	<i>43,000</i>	<i>270,000</i>	<i>66-79%</i>	<i>1.78 : 1.00</i>
<i>North - 5 wk either sex</i>				
<i>Primitive Weapons - 8 wk</i>				

3. Method used to estimate harvest:

Hunter questionnaire survey.

4. Do you limit hunters to one season (rifle, archery or muzzleloader)?

No; Licence valid in all seasons / weapon types

5. Do your deer seasons extend into the breeding season? If so, how far?

Yes; South Saskatchewan = peak of rut; North Saskatchewan = entire rut

6. How many deer can a hunter legally take per year?

# Antlered:	# Antlerless:	Total:
<i>South = 1</i>	<i>South = 1</i>	<i>Max = 2</i>
<i>North = 2</i>		

7. Do you use antler-point restriction regulations? If so, what is the purpose of this regulation and is the objective being met? How do you assess hunter compliance - illegal kill?

No

8. Do you have regulations to limit or distribute hunters? What type of regulations and are they working?

*No regulations to limit hunters/numbers
Non-residents of Canada restricted to Northern Zones.*

9. Do you use access (road) management to regulate hunter distribution? What is the hunting public's reaction? Who is responsible for enforcement of closures etc.?

Only on the North (forest road closures and road corridor game preserves); designed for moose management; public reaction positive; enforced by department staff.

10. Do you use a system such as "preference points" to distribute the opportunity to draw big game permits? If yes, what has been your experience with such a system?

Yes, for mule deer, elk, moose and antelope; not in place for white-tailed deer yet. Licence allocation system (big game draw) has worked well for most species.

11. In what ways do you believe hunting impacts your deer populations (ie. compensatory/additive mortality, total population size, genetics, behaviour, etc.)? What data do you have to support this?

Hunting currently has little impact on population (compensatory); winter severity is major source of mortality; hunting may be having some adverse impact on "mature bucks" in some areas but not well documented.

12. What do you feel are the major factor(s) limiting the deer populations, and what evidence is this based on?

Winter severity; major population declines/increases following severe vs. mild winters respectively.

13. Do you make any attempts to model deer populations? If so, please describe the model. Identify any problems.

Yes. currently using "POP II" software distributed by John Bartholow (Fossil Creek Software - Fort Collins); works well for our situation.

14. What is your state or province's approach to manipulating habitat to benefit deer?

Basically, purchase or protection of key wintering areas.

15. Primary deer research efforts underway at this time (please list):

Only one research effort ongoing (at this time):

Investigating:

- Fawn Mortality*
- Reprod. performance/ fetal development*
- Movements and habitat use*

Completion: Fall 1993