

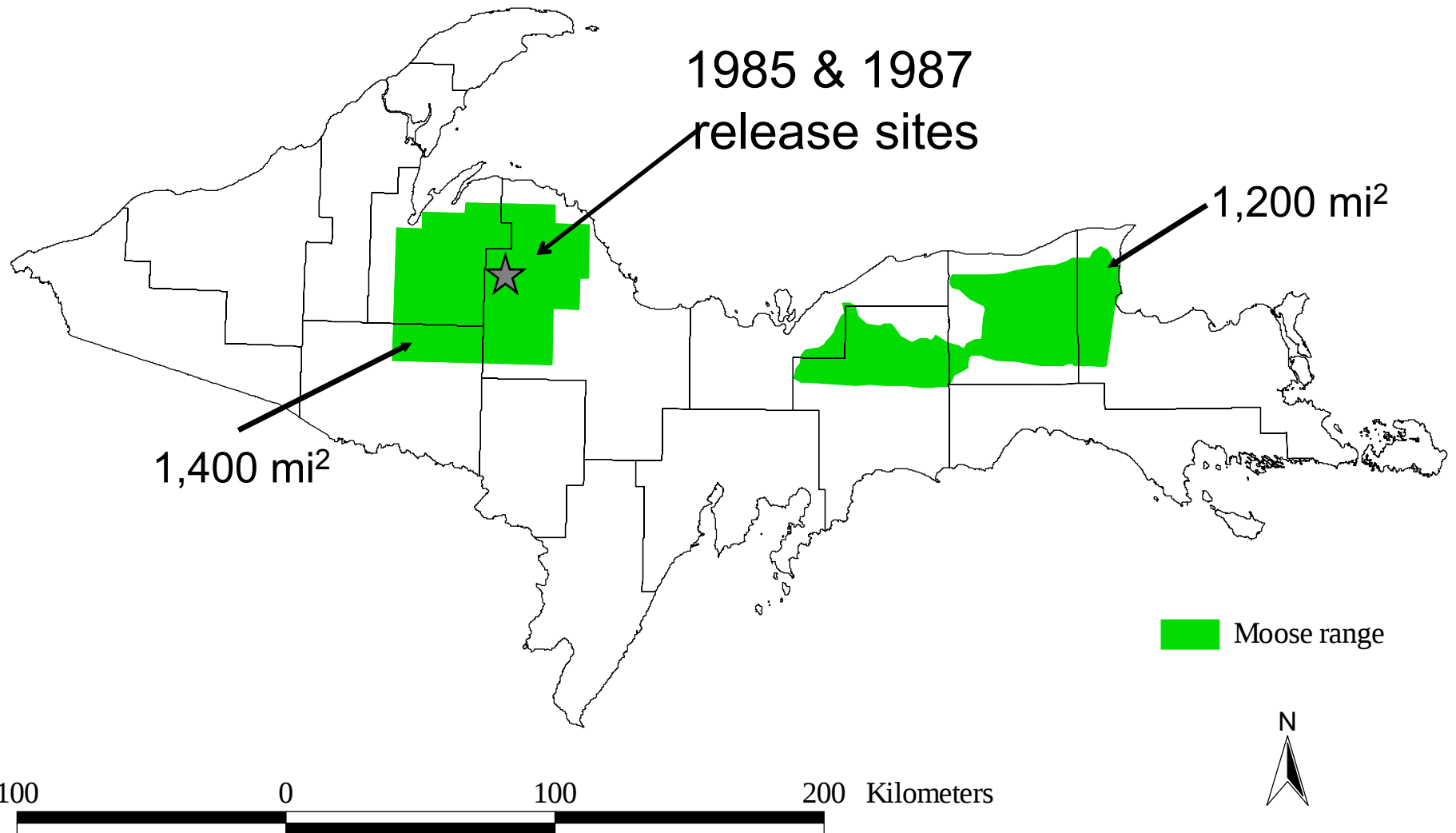
Moose Population Survey



Dean Beyer, Wildlife Research Specialist
Wildlife Division
May, 2013



Moose Distribution (Outside of Isle Royale)



Aerial Survey



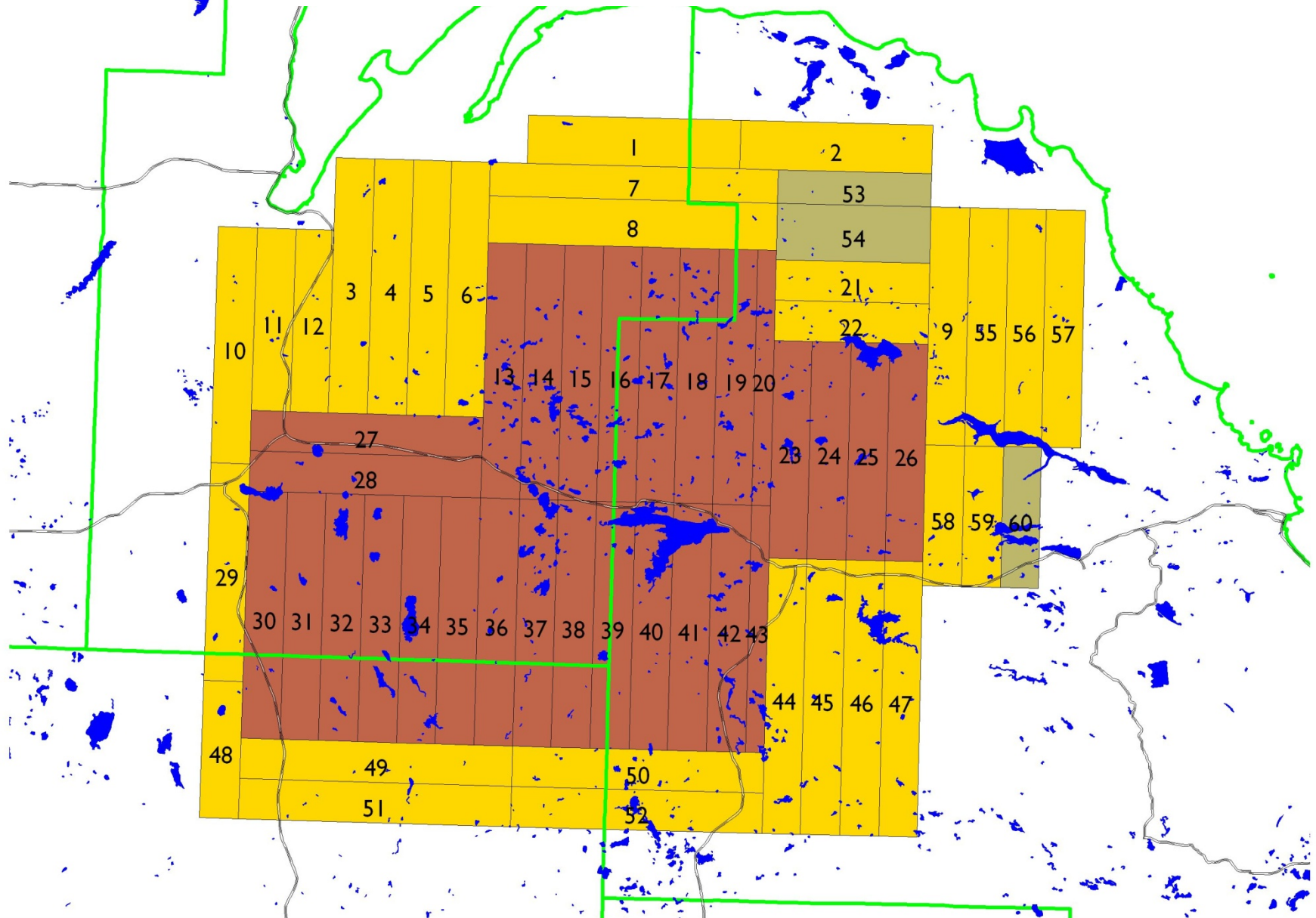


Sightability Correction Model

- Experimental trials on radio-collared moose



Moose Population Survey



20

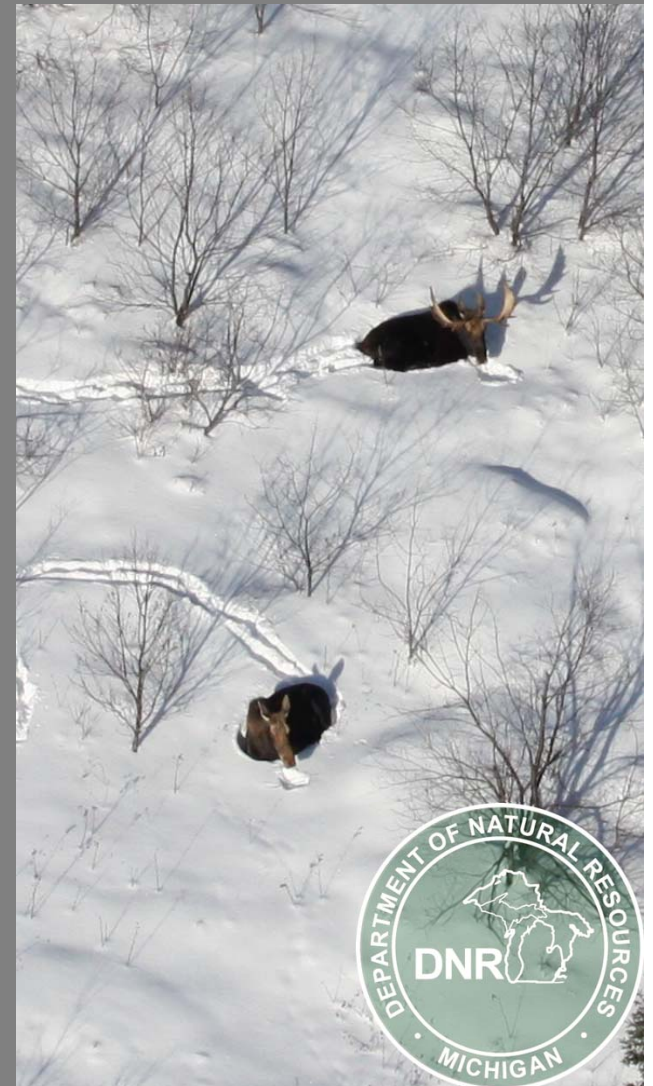
0

20

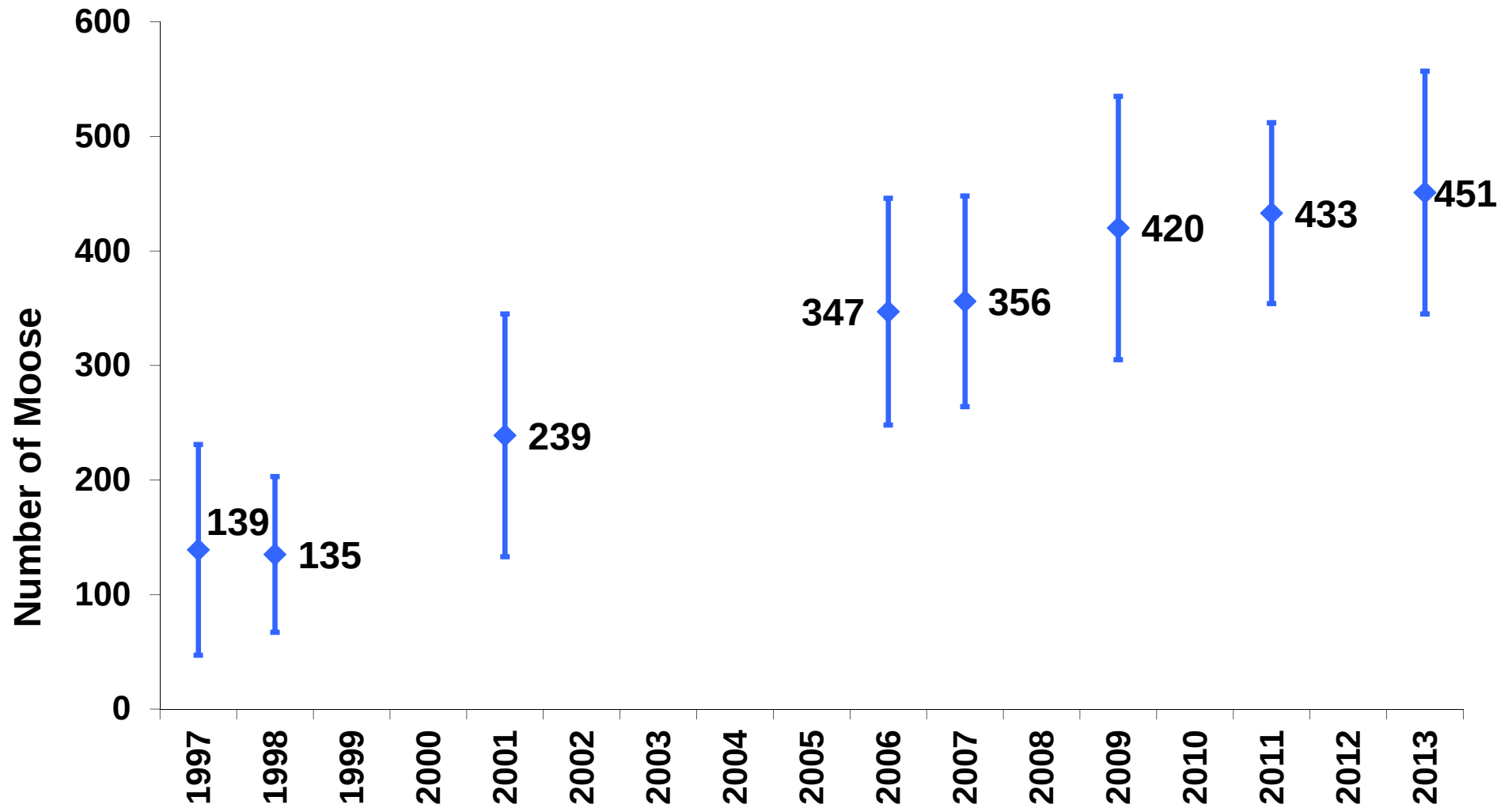
40 Miles

2013 Moose Survey

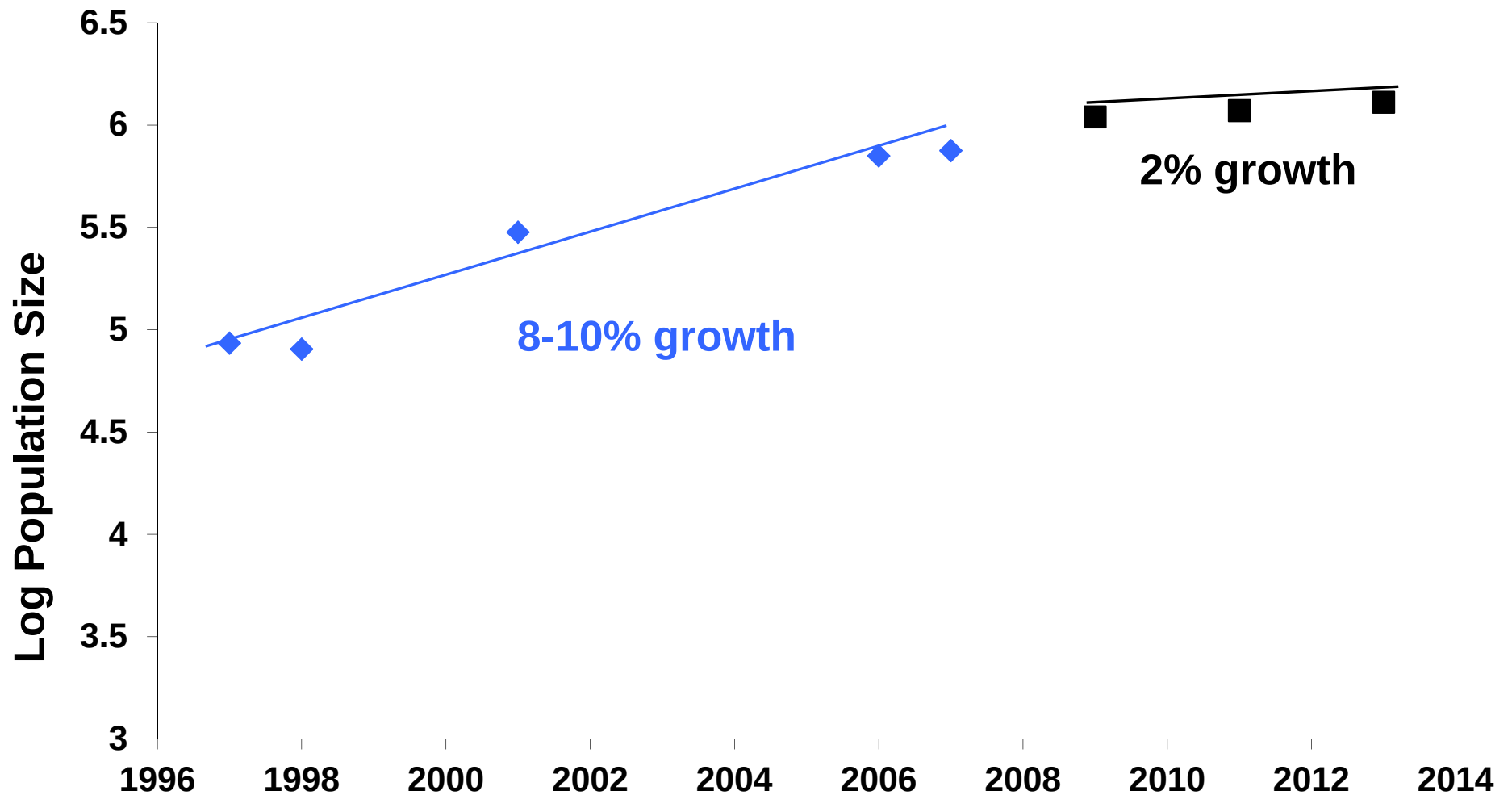
- January 2-February 2
 - No flights from January 6-23
- Surveyed all 29 high-density plots
- Surveyed 14 of 28 low-density plots
- Counted 187 moose
- Estimated 451 moose
 - $\pm 24\%$ CI



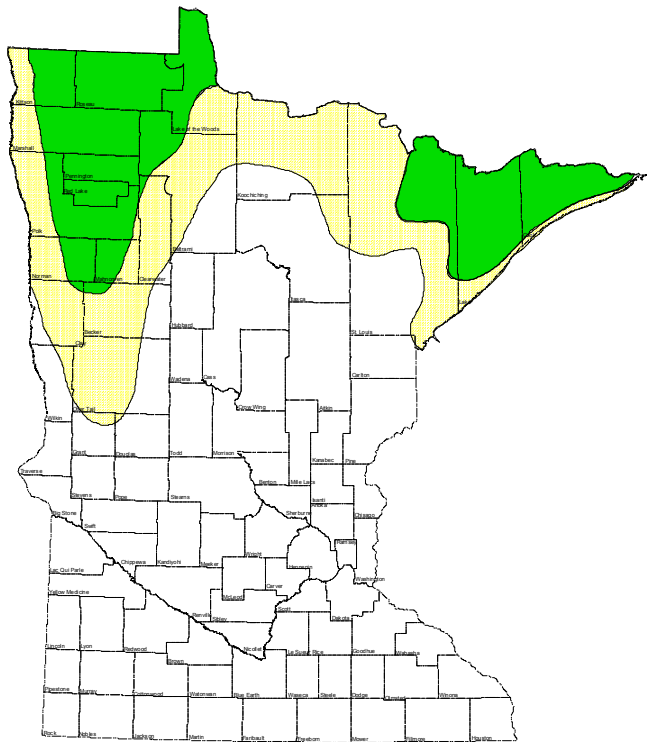
Moose Population Estimates Western UP



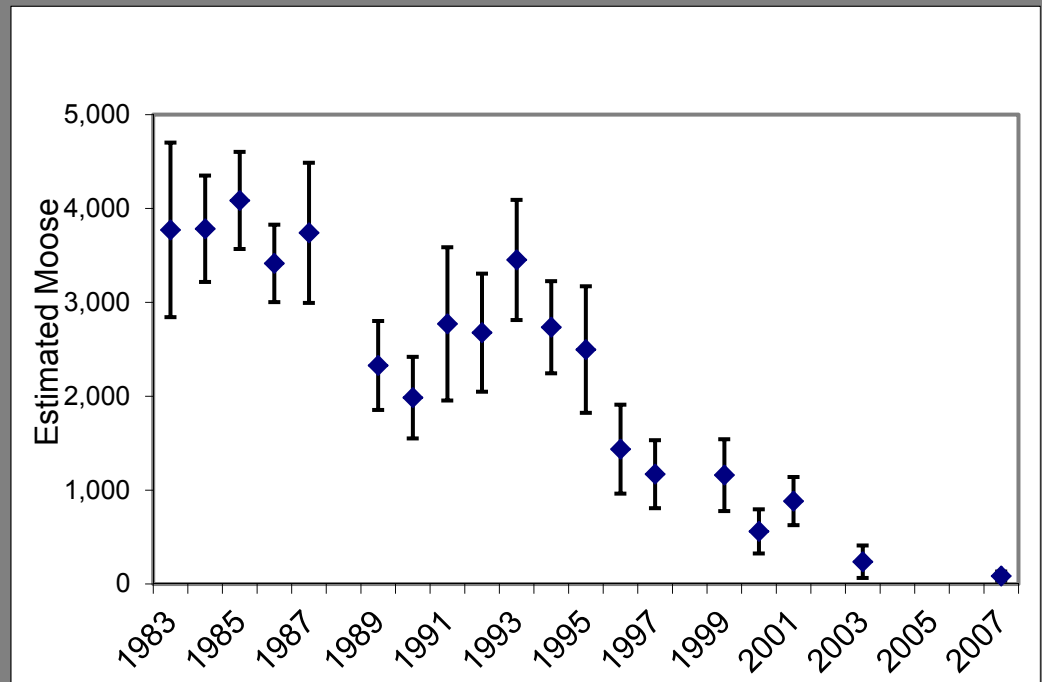
Moose Population Growth Western UP



Moose Declines in Minnesota



Northwestern Minnesota



Moose Hunting?

- Moose Hunting Advisory Council
 - Hunt only when annual growth $\geq 3\%$
- Slow population growth
- Do not recommend a season at this time



Thank You

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