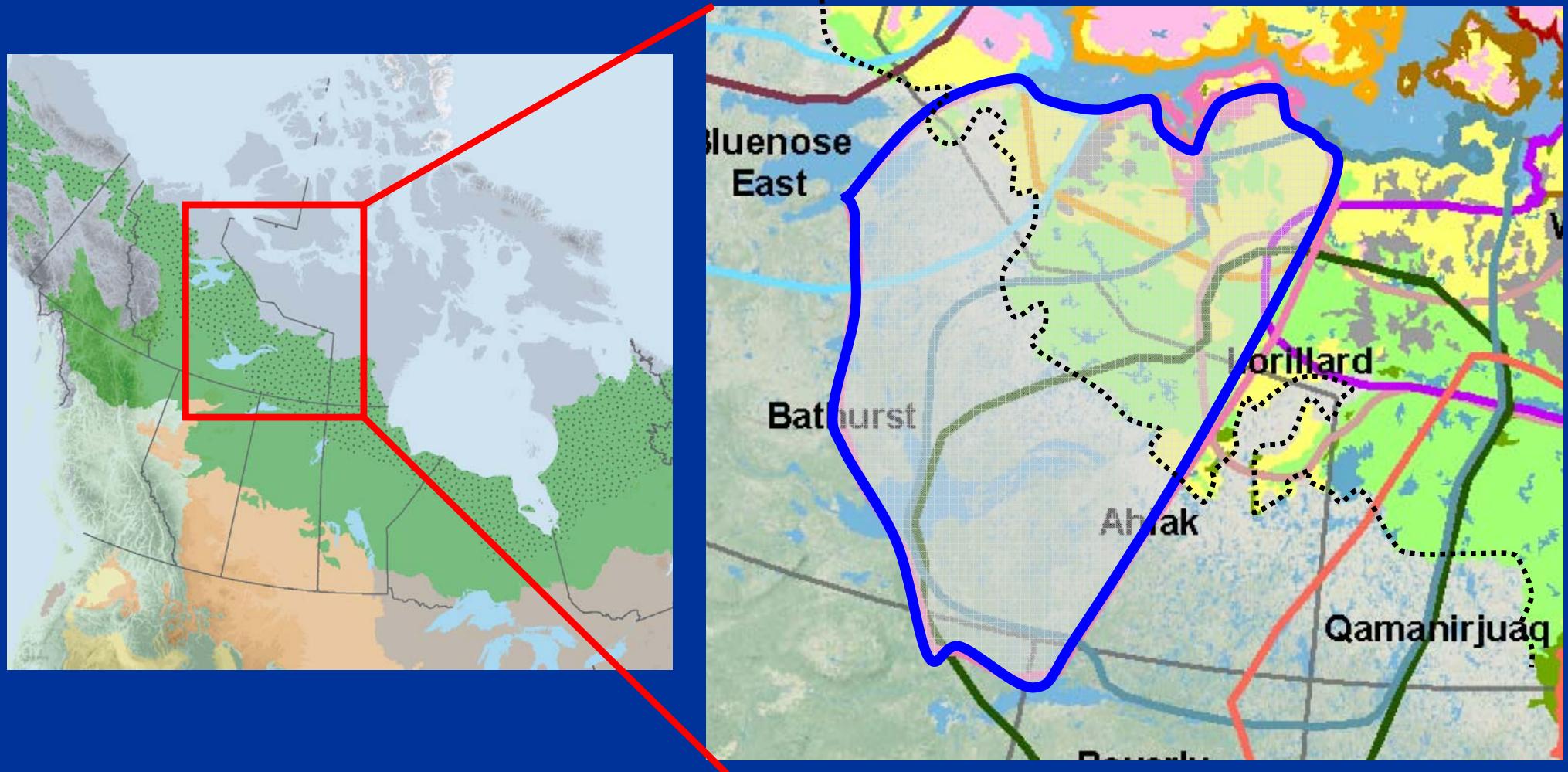
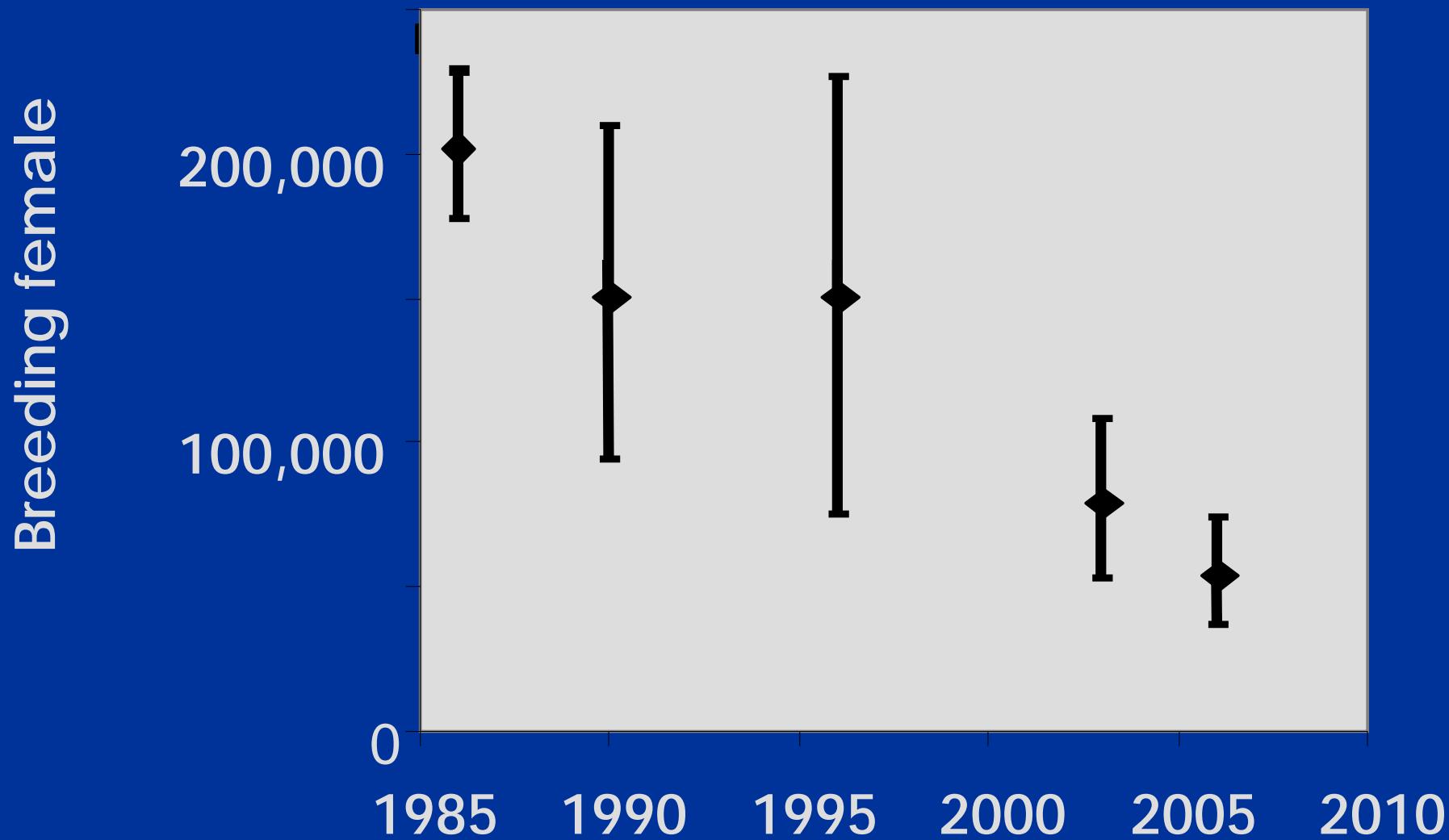


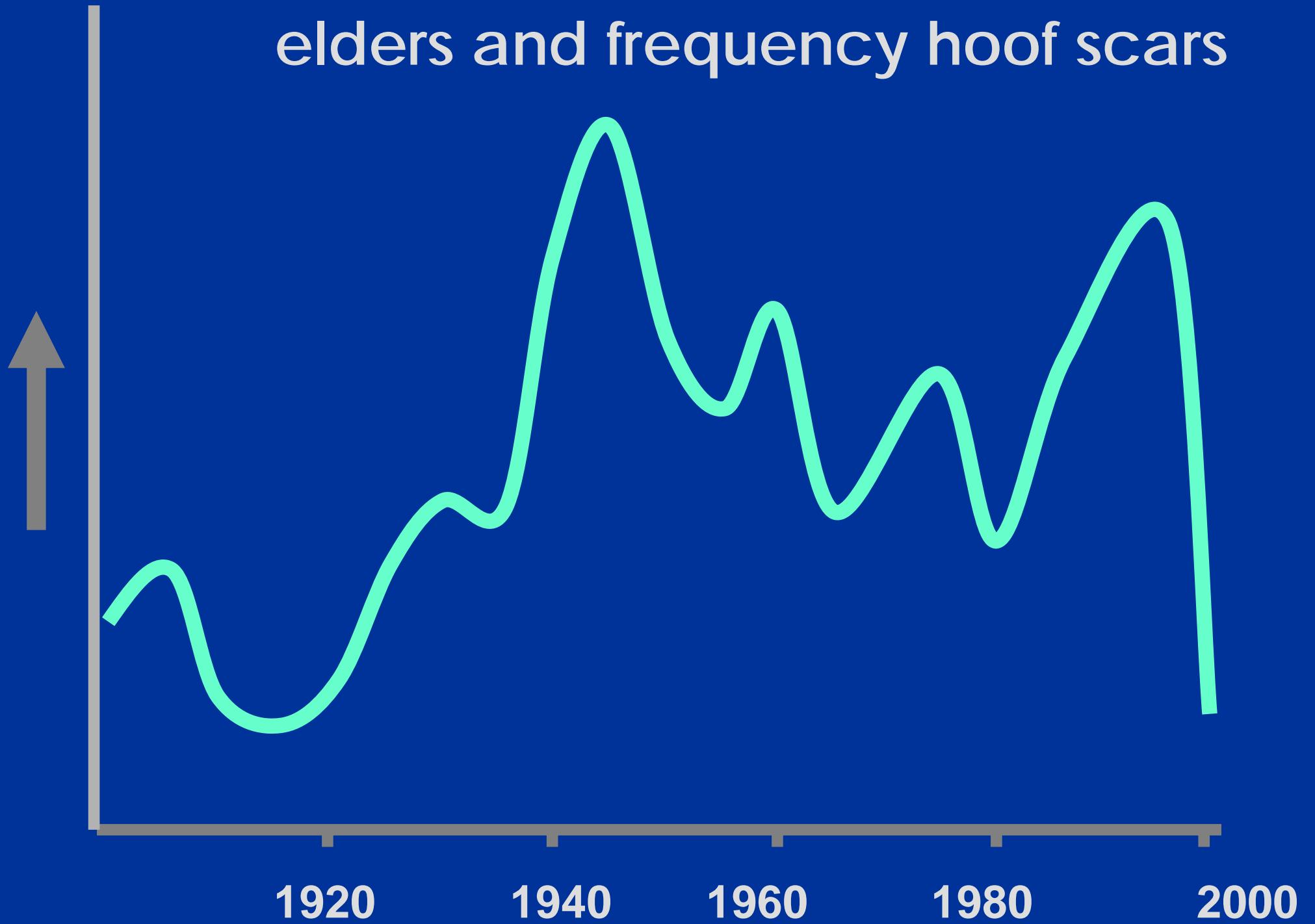
The Bathurst herd – why did it decline – what do we know that explains increase and decrease ?



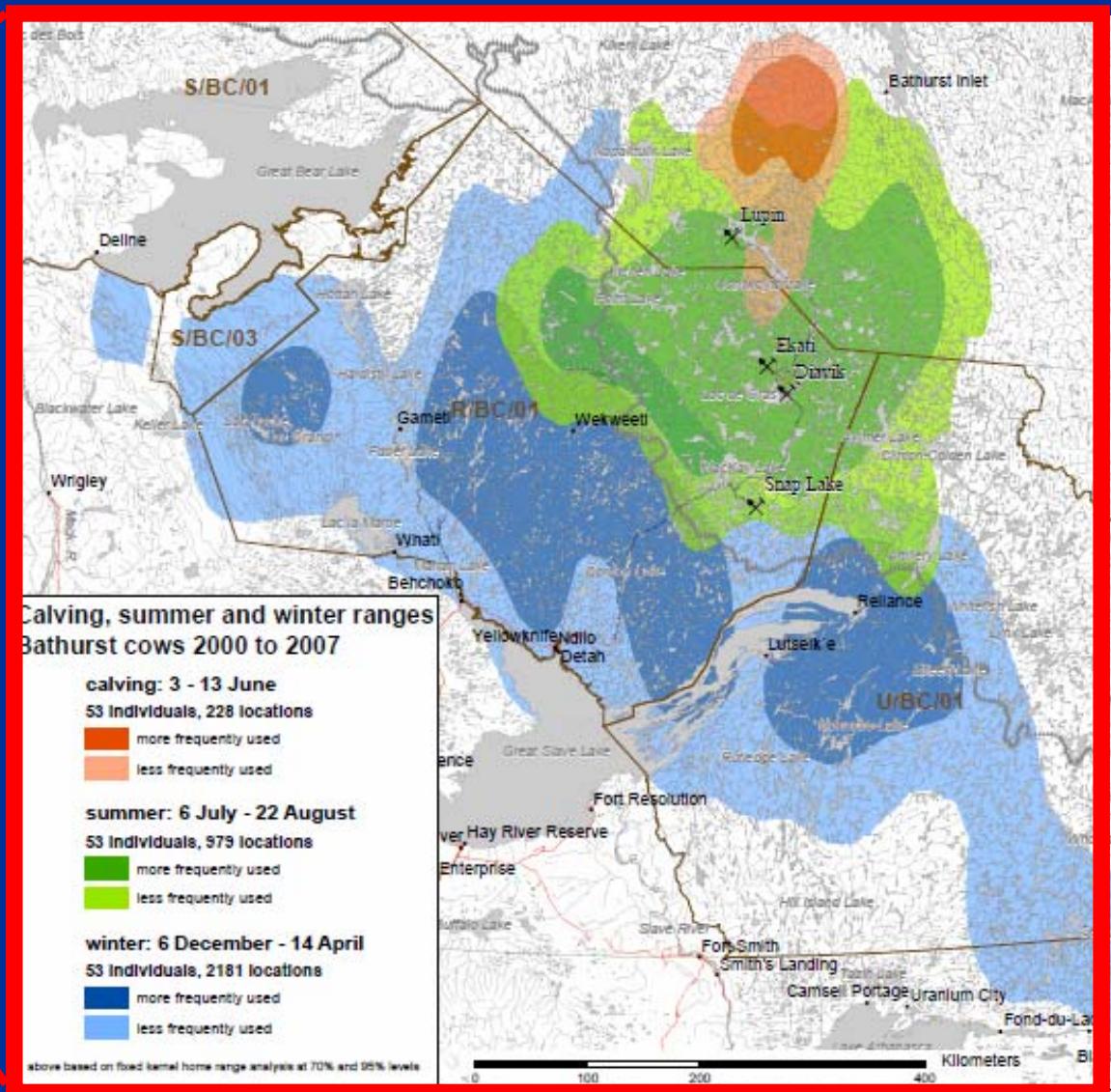
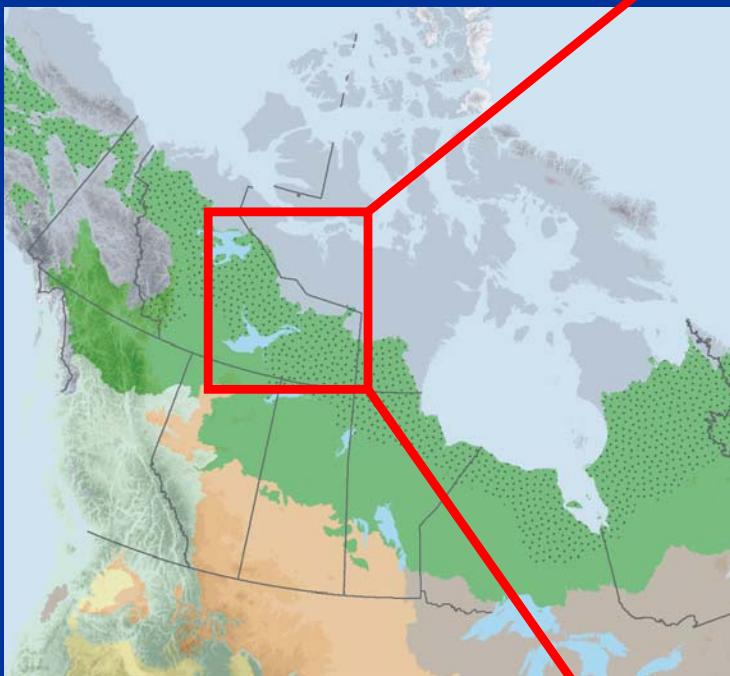
Trend breeding females 1985-2006



Abundance Bathurst herd from Tlicho elders and frequency hoof scars



C1: What are the relative contributions of different seasonal ranges to fecundity, health, body condition and survival?

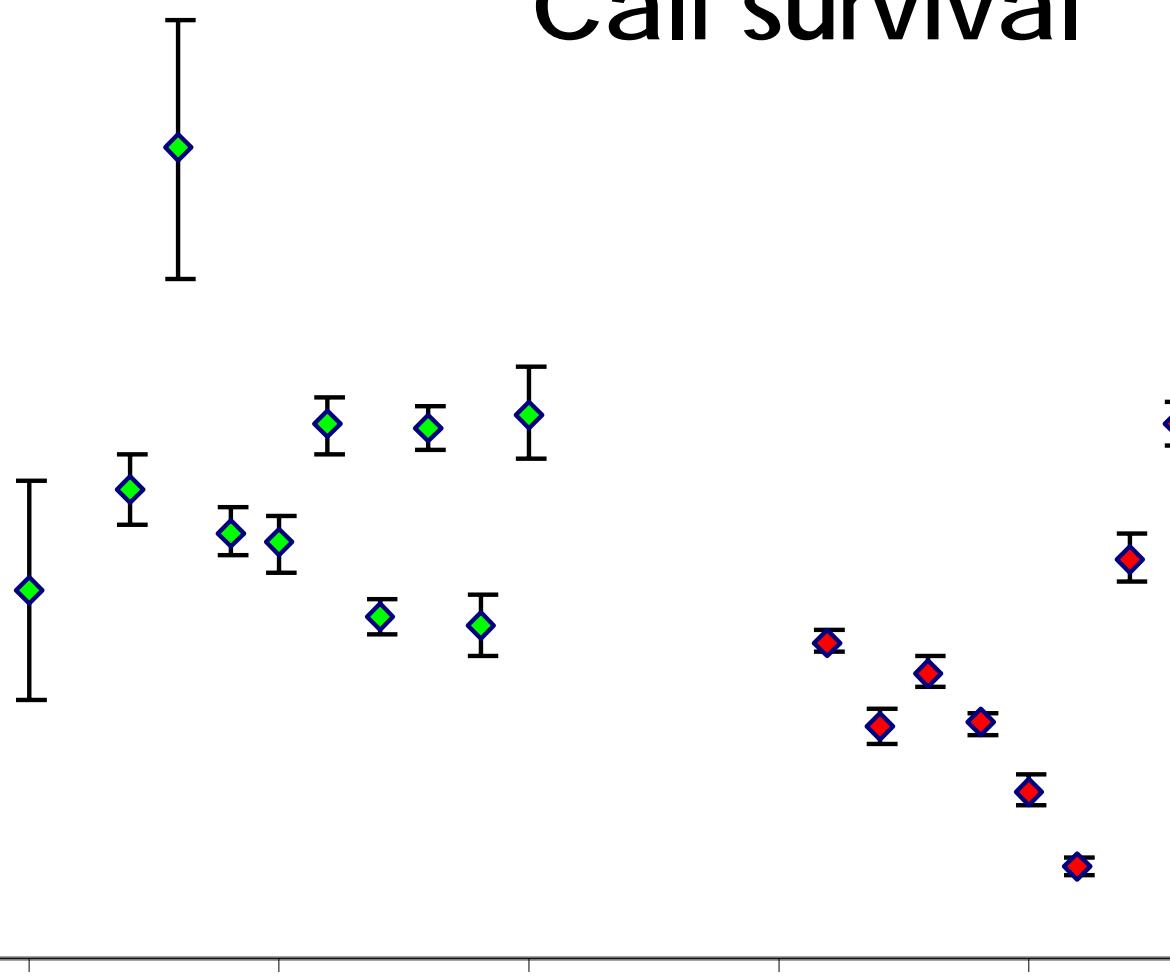


Calf survival

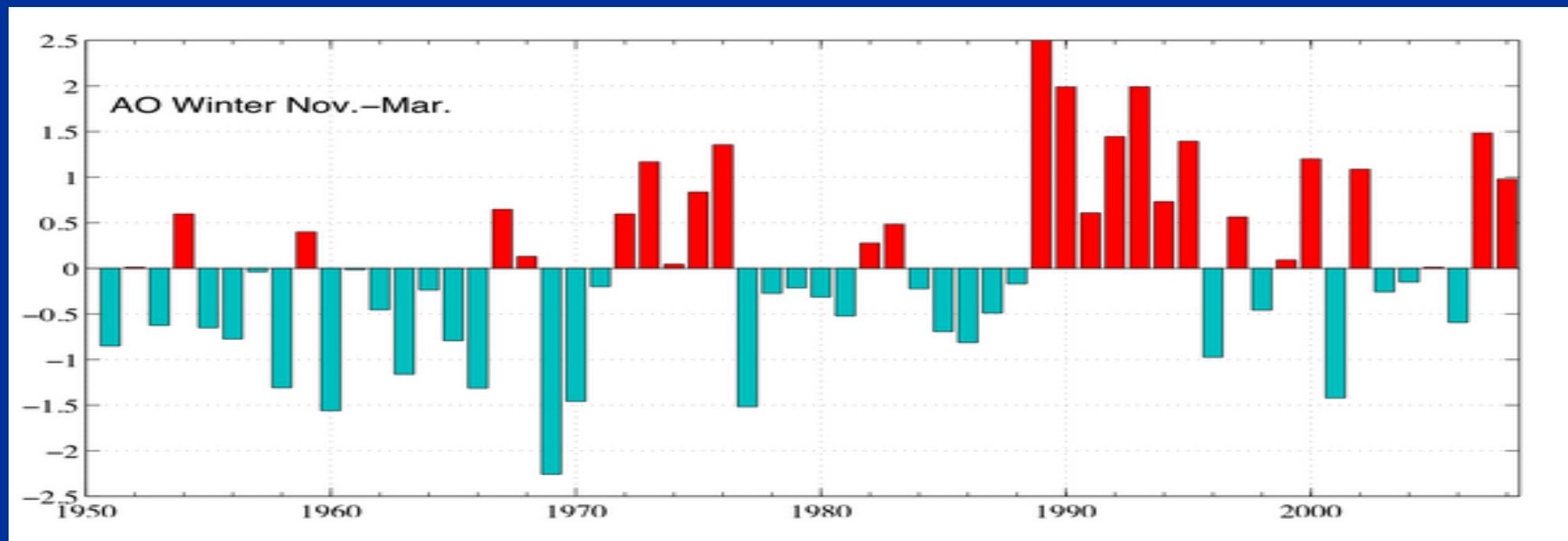
Calf cow ratio

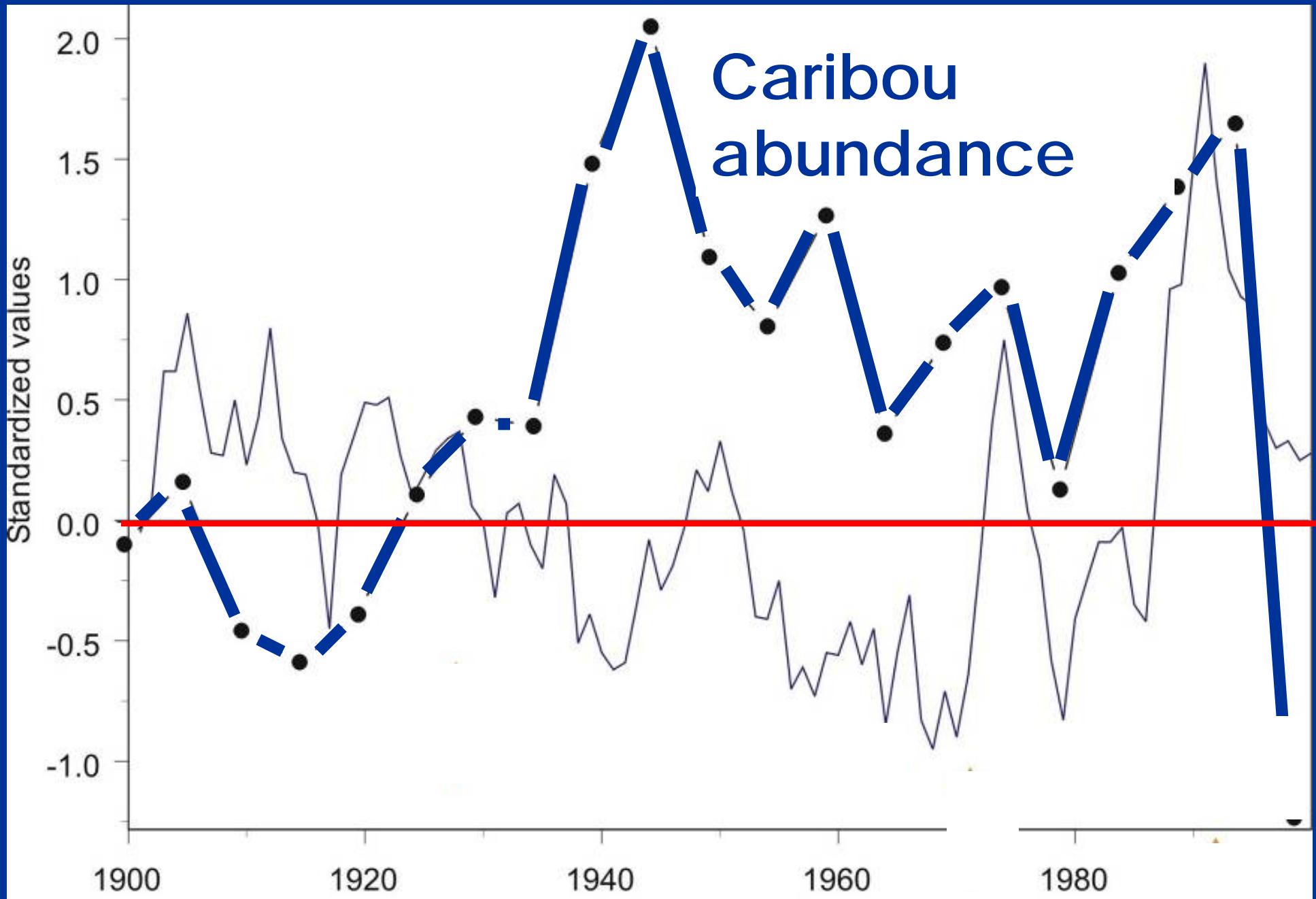
1.00
0.90
0.80
0.70
0.60
0.50
0.40
0.30
0.20
0.10
0.00

1980 1985 1990 1995 2000 2005 2010



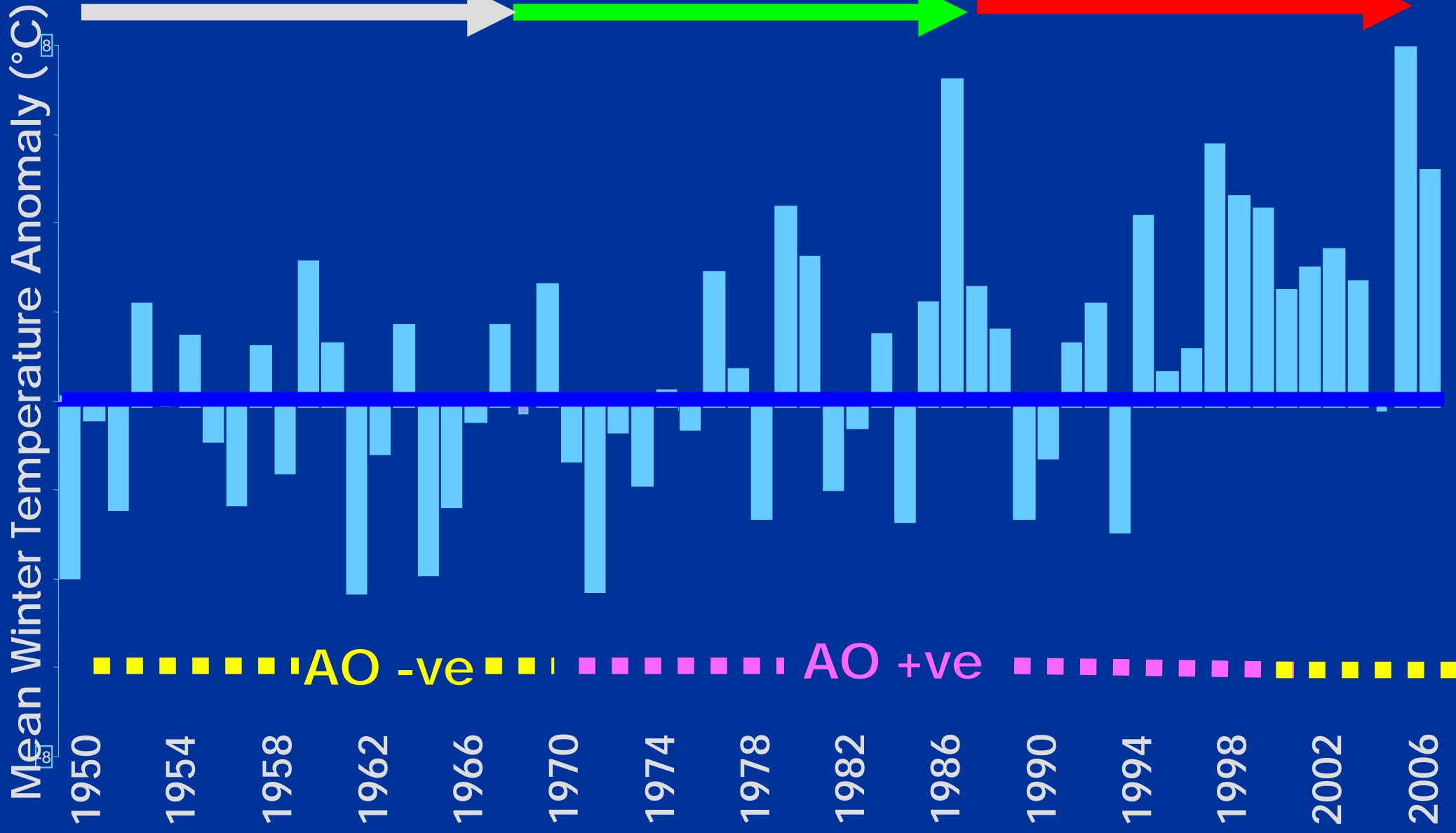
Environmental trends

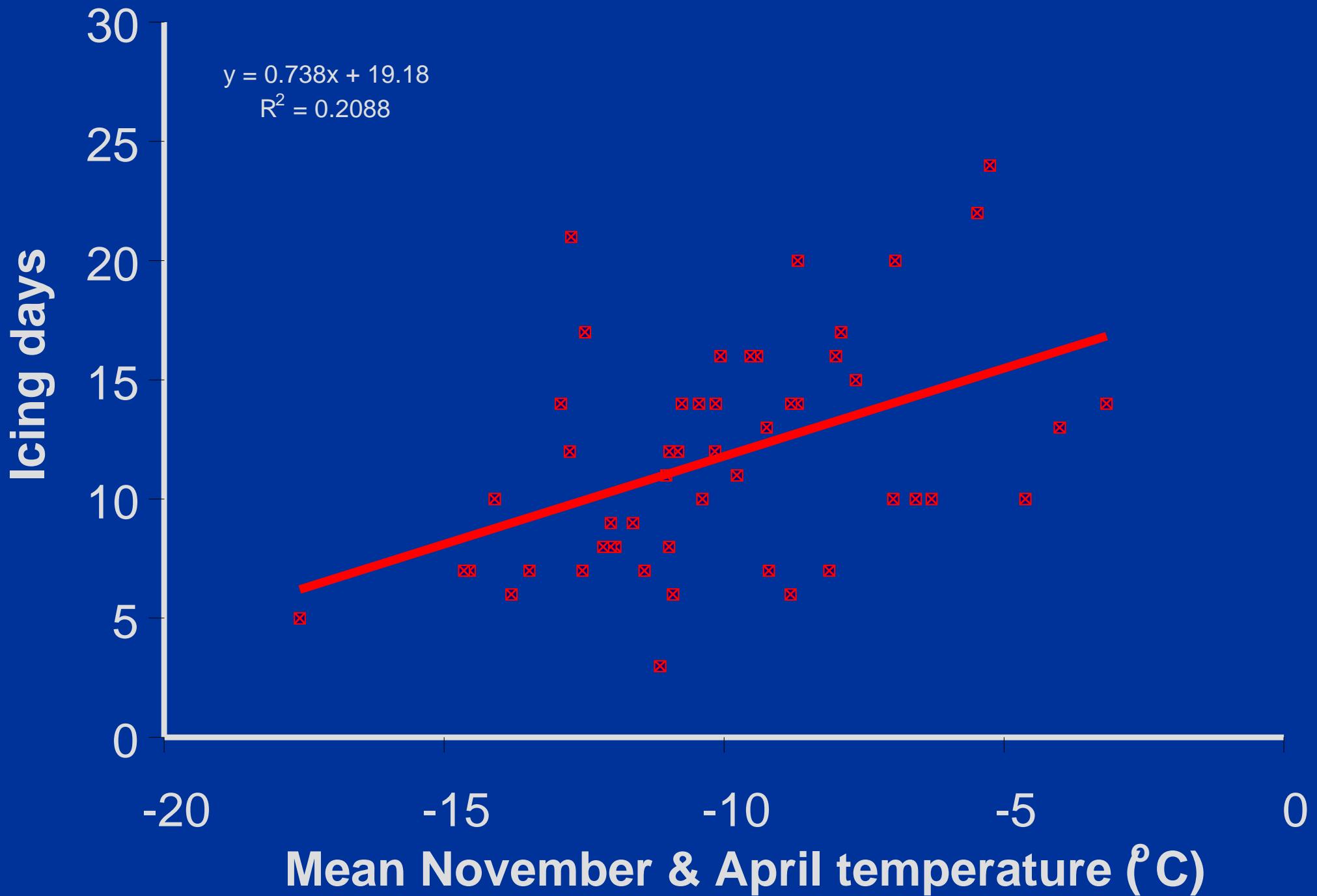




Arctic Oscillation phases

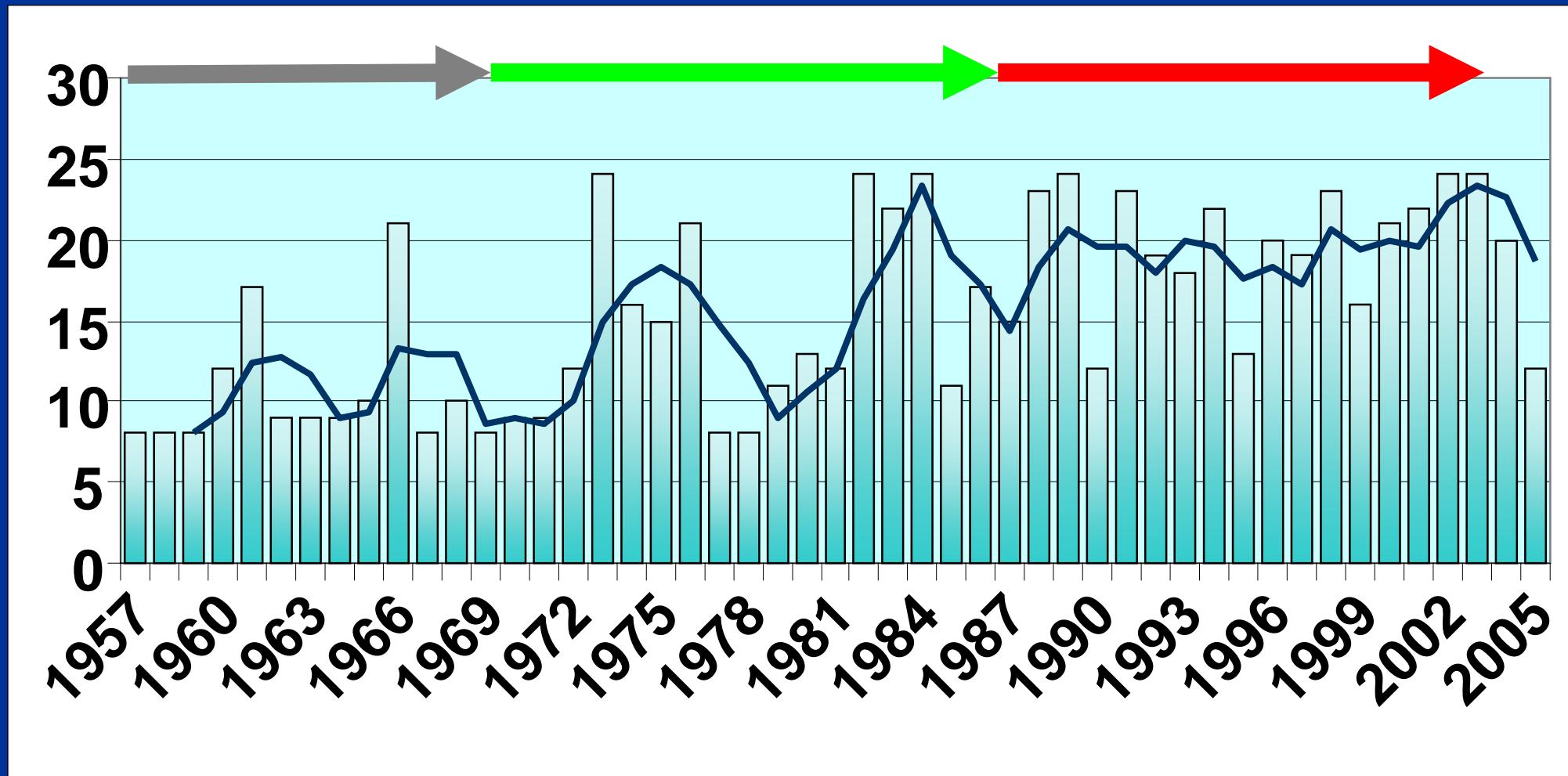
Trend for warmer winters



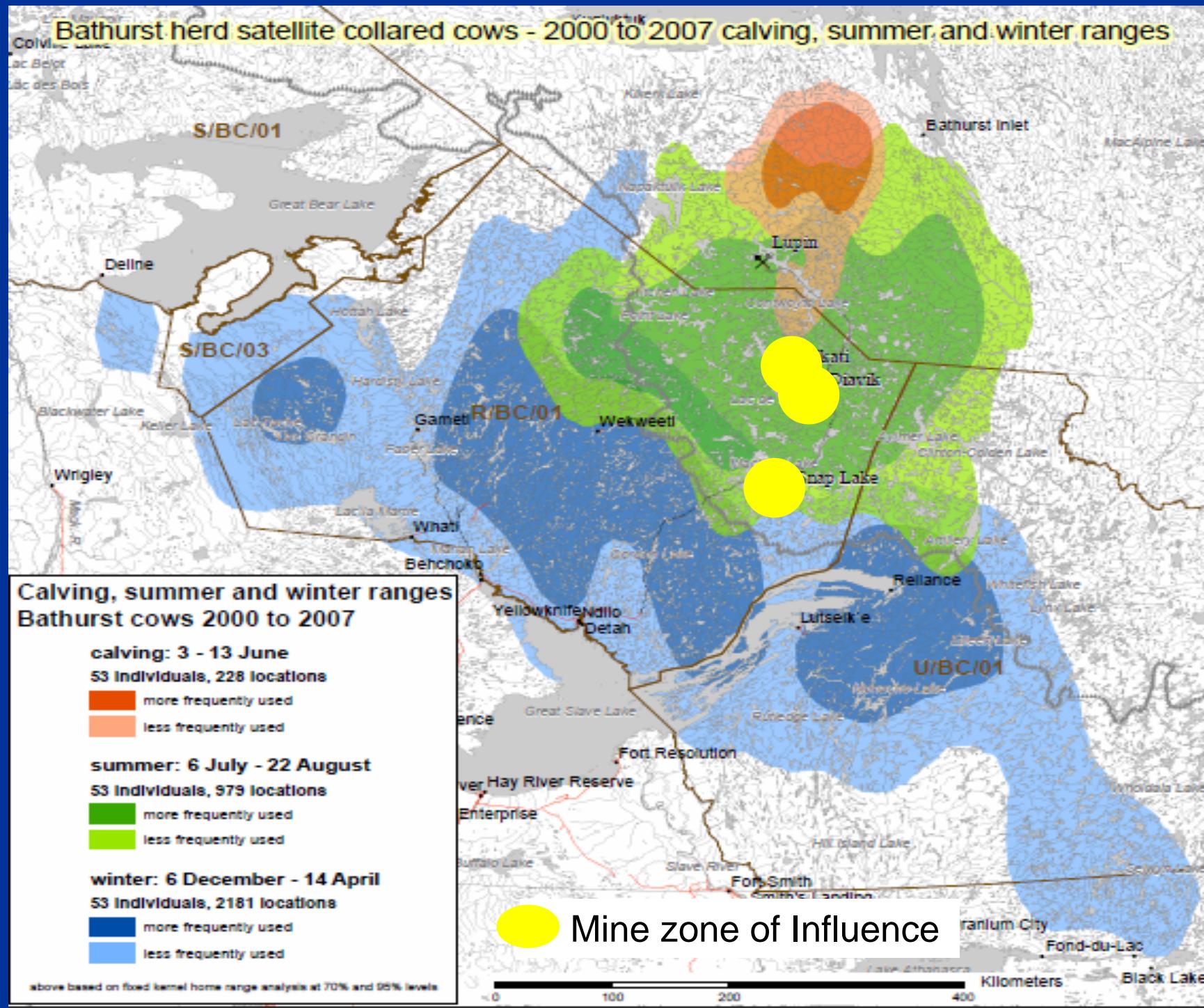


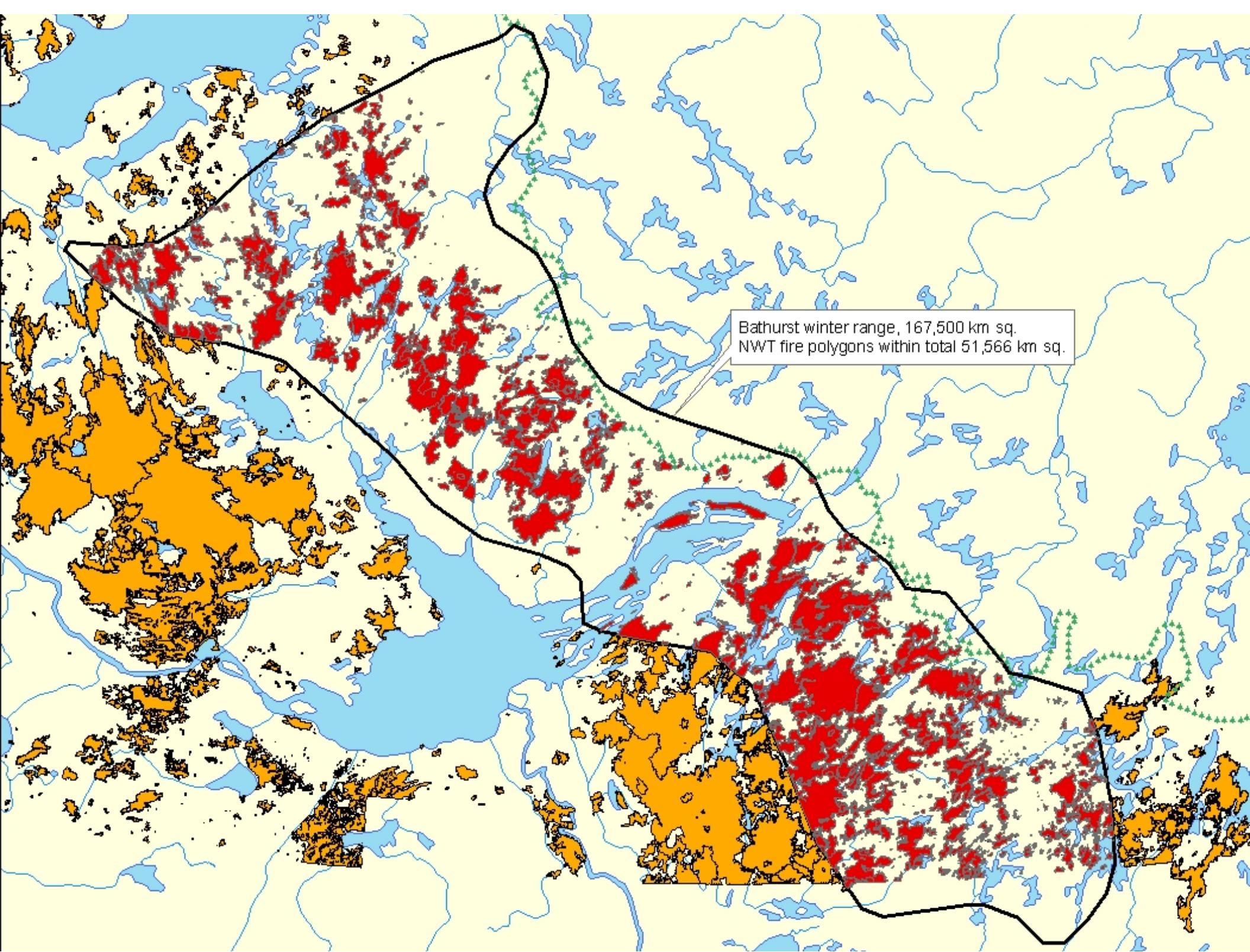


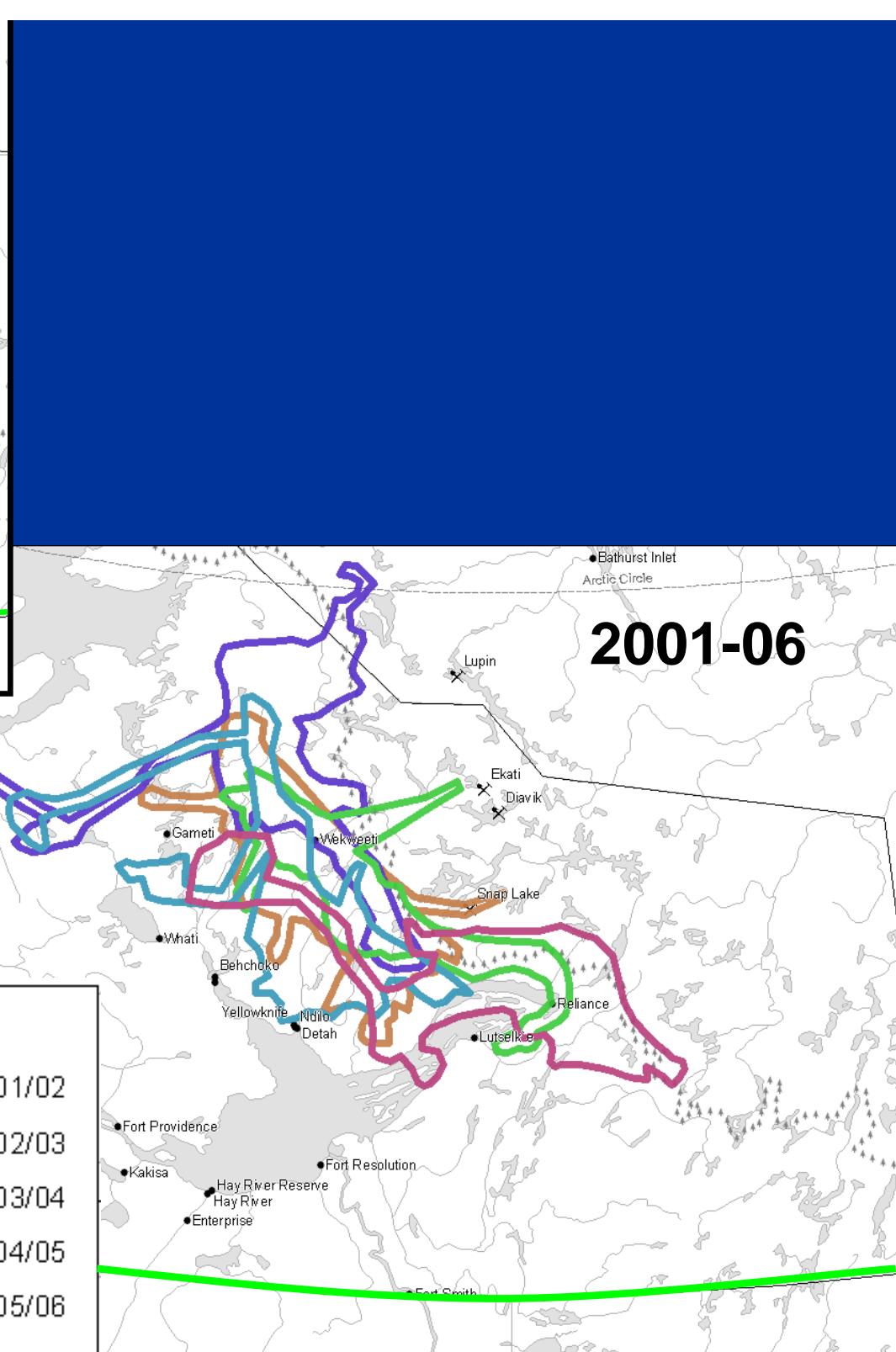
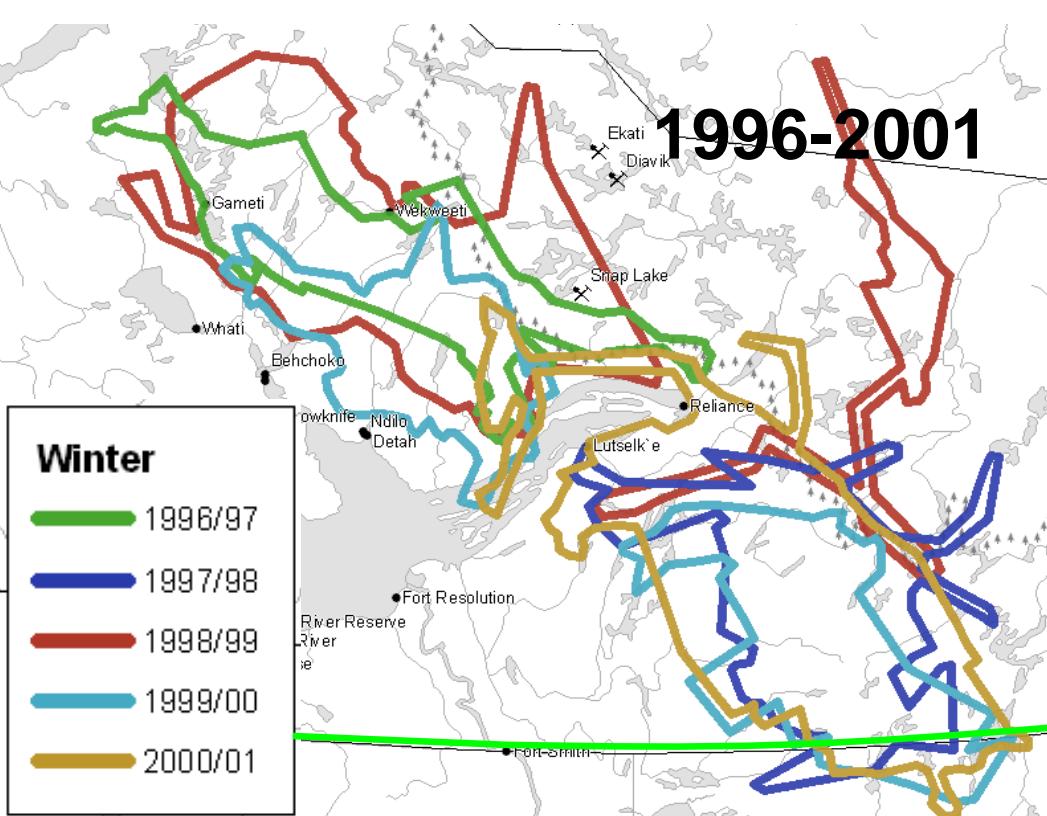
'Warble intensity score' – 3-year running mean and annual totals



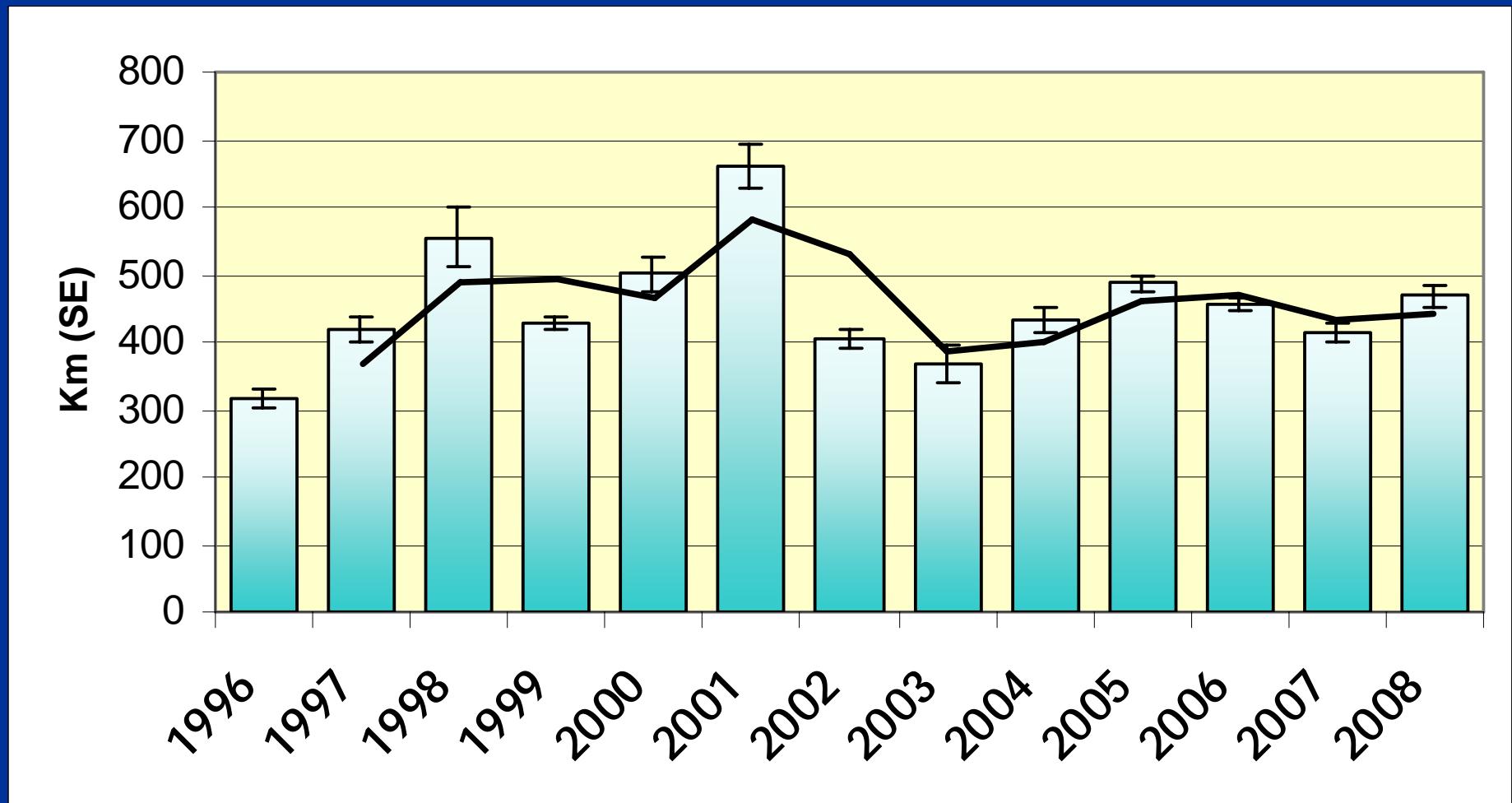








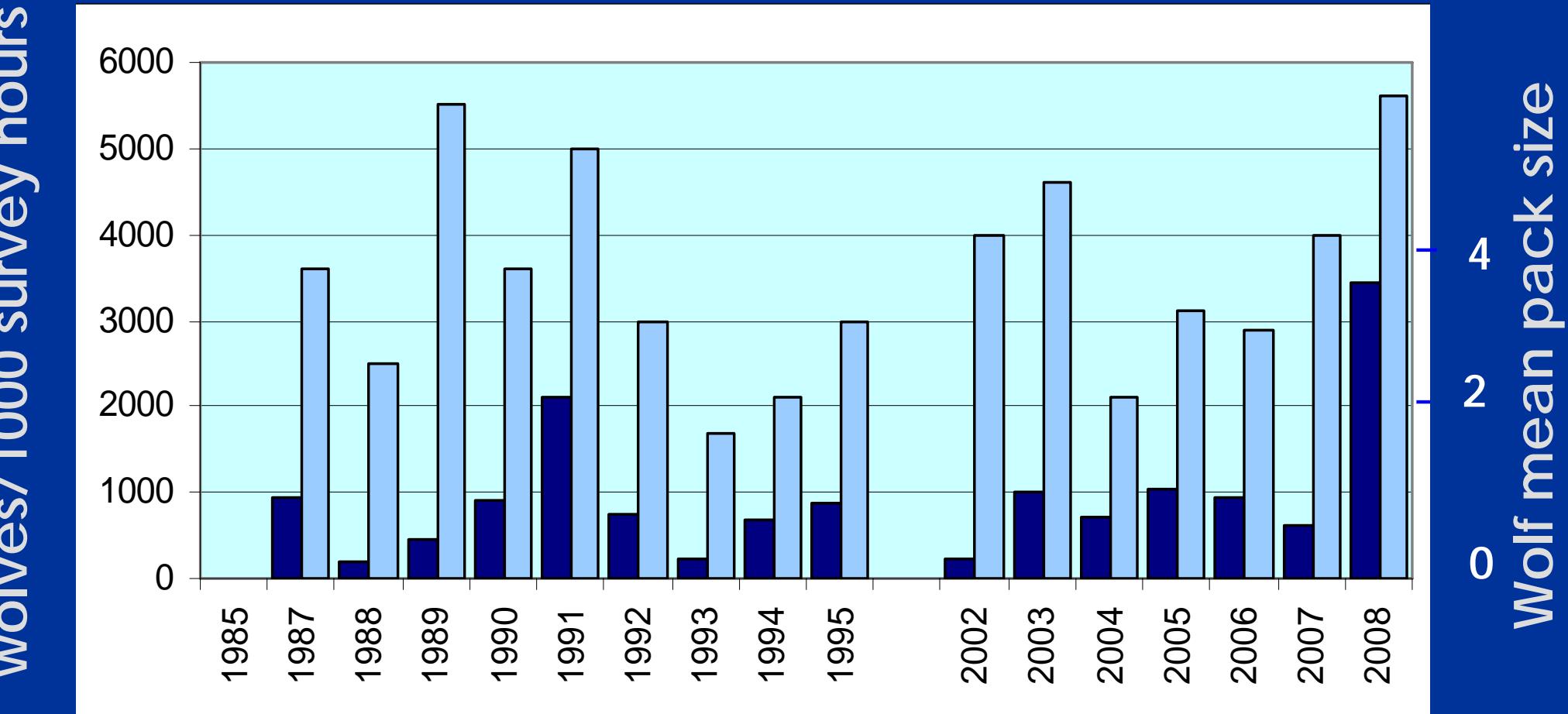
Mean distance and 2-year moving average migration distance to calving grounds



C4: How important are predators and parasites?



Rate of wolf sightings and pack size during late winter caribou sex and age composition surveys



C5: How important is harvest?



The Bathurst herd – why did it decline – what do we know that explains increase and decrease ?

