



Inuvialuit Game Council

PCMB Annual Harvest Meeting

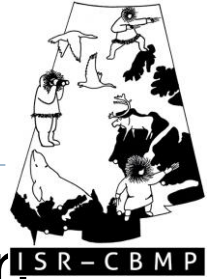
February 13-14, 2018
Dawson City, Yukon

Inuvialuit Game Council 2018 Submission

- ▶ Inuvialuit Harvest Study
- ▶ Inuvialuit Reported Harvest Data (June 2016 – May 2017)
- ▶ Inuvialuit Preliminary Reported Harvest Data (June 2017 – December 2017)
- ▶ Inuvialuit Harvest Study: Next Steps
- ▶ Inuvialuit Community Information - Aklavik



Inuvialuit Harvest Study



- ▶ Community Resource Technicians (CRTs) in each community in the Inuvialuit Settlement Region conduct monthly surveys based on harvester lists provided by HTC
- ▶ Harvester lists are updated at least annually by HTCs
- ▶ Surveys are for all bird, fish & mammals harvested
- ▶ CRTs use iPads with a geospatial app to record location and details of harvest
- ▶ Porcupine Caribou harvests are extracted from total harvest data

Inuvialuit Harvest Study



- ▶ Implemented in 2016
- ▶ Participation rates in Harvest Study are increasing
 - ▶ Inuvik up to nearly 80% of HTC member list in second half of 2017

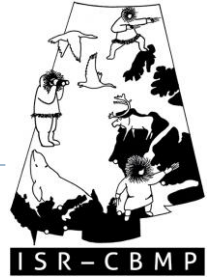


Inuvialuit Reported Harvest Data: June 2016 – May 2017



Sex, maturity	Aklavik	Inuvik	Tuktoyaktuk
Male, mature	72	2	
Male, juvenile	6		
Male, calf	3		
Female, calf	4		
Female, juvenile	1		
Female, mature	125	15	
Female, unknown maturity		4	
Sex unknown, juvenile	1		
Sex unknown, calf	3		
Sex unknown, mature	5		
Unknown sex, unknown maturity		5	
Total	220	26	0

Inuvialuit Reported Harvest Data: June 2016 – May 2017



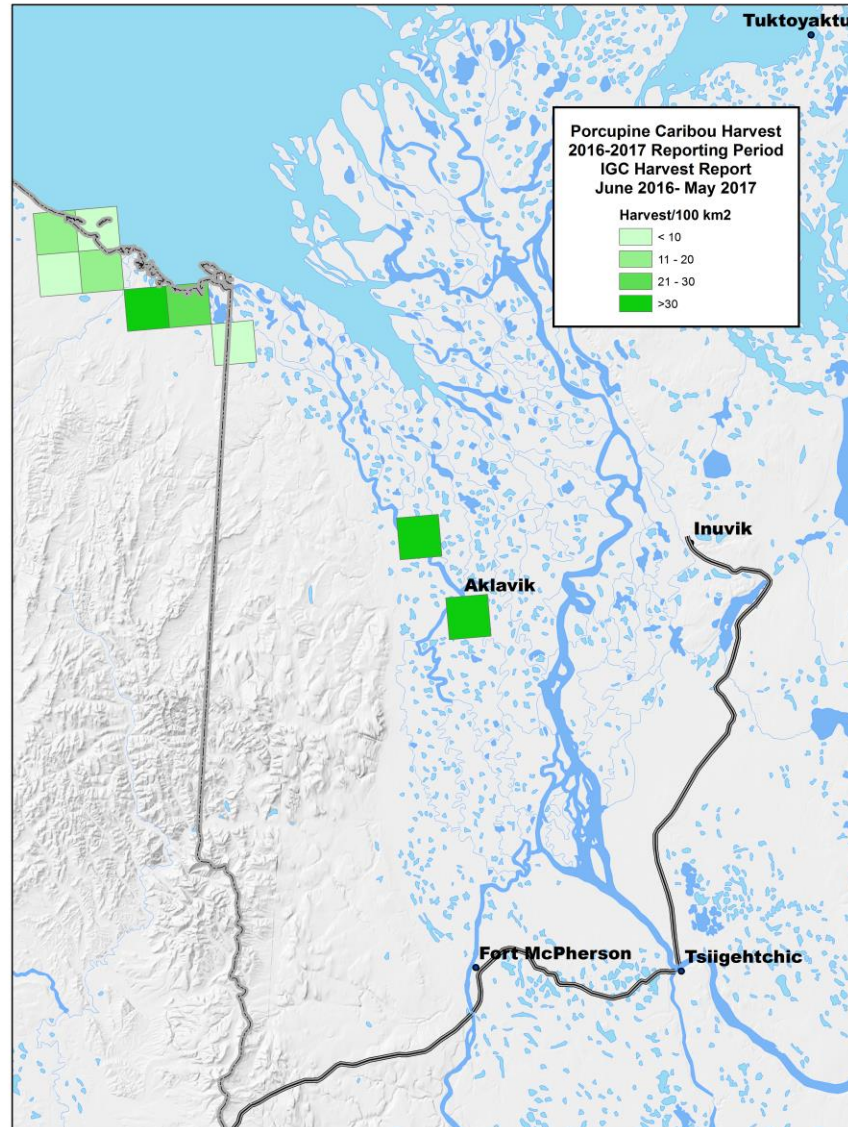
- ▶ **Tuktoyaktuk**

- ▶ No Porcupine Caribou harvest reported, no PC harvesters

- ▶ **Total (all communities) June 2016-May 2017: 246**



Inuvialuit Reported Harvest Data: June 2016 – May 2017



Inuvialuit Reported Harvest Data: Preliminary: June– December 2017



Sex, maturity	Aklavik	Inuvik	Tuktoyaktuk
Male, mature	88	35	
Male, juvenile	7	5	
Male, calf		1	
Female, calf			
Female, juvenile	1	2	
Female, mature	21	6	
Female, unknown maturity			
Sex unknown, juvenile			
Sex unknown, calf			
Sex unknown, mature			
Unknown sex, unknown maturity			
Total	117	49	0

Inuvialuit Reported Harvest Data: Preliminary: June– December 2017



▶ Tuktoyaktuk

- ▶ No Porcupine Caribou harvest reported, no current PC harvesters
- ▶ This will likely change with opening of Inuvik-Tuk highway
- ▶ Working directly with Tuktoyaktuk HTC to address these changes as they occur

▶ Total (all communities) June-December 2017: 166



Inuvialuit Harvest Study: Next Steps



- ▶ Currently providing *reported* harvest
- ▶ Working towards providing *estimated* harvest through gathering more accurate harvester lists for the calculation of harvester participation rates
 - ▶ Community members are uncomfortable with the differentiation of “active” harvesters
 - ▶ Looking at different terminology and strategies to create more accurate lists of caribou harvesters while taking this into consideration
 - ▶ Aklavik is currently focusing on surveying harvesters who regularly hunt caribou, based on a specific list



Inuvialuit Community Information

- ▶ **Community Tour (WMAC(NWT)) – October 2017**
 - ▶ Tour to collect barren-ground caribou status information
 - ▶ Aklavik harvest is Porcupine Caribou, information provided was all Porcupine Caribou observations



Inuvialuit Community Information – Aklavik

- ▶ **Population trend:**
 - ▶ Herd is healthy
- ▶ **Productivity and recruitment:**
 - ▶ Lots of cows and calves and young bulls
 - ▶ Most cows have one or two calves, lots of twins
- ▶ **Adult Composition:**
 - ▶ About the same as last year.
 - ▶ The bulls are likely taking a different route



Inuvialuit Community Information - Aklavik

▶ Body Condition and Health:

- ▶ The caribou are generally healthy
- ▶ Body condition of cows and young bulls was really good in Nov/Dec 2016; really healthy
- ▶ One caribou left due to disease. Traditionally we use liver as an indicator and the liver was no good so the guys left it. Liver was full of lumps, white lumps, and puss.



Inuvialuit Community Information - Aklavik

▶ Harvest Levels:

- ▶ Nov/Dec 2016, caribou came for a short time; not much after that
- ▶ Years before were always some at West Channel; none in last couple years
- ▶ Black mountain/Red mountain - getting a few young bulls up there too; as usual always a few at red mountain (by boat and skidoo) late August
- ▶ Near Divide lake - big bull
- ▶ Big bulls hanging between border and Red mountain; then took off towards Alaska
- ▶ Taking more cows in fall because seeing less bulls
- ▶ In November and December 2016 there were a few thousand down at Coney Lake/Barge Lake

Inuvialuit Community Information - Aklavik

▶ Predator populations:

- ▶ A few bunches of wolves; not that many
- ▶ More bears at dump
- ▶ Lots of muskox ; near John Martin – herd of a couple hundred. Muskox eat what the caribou eat; eat roots and all
- ▶ Haven't seen caribou in fall up there for years; 10 years
- ▶ Not as many as we usually see in West Channel. In past years, we haven't seen them come down to Coney lake area, but we saw that just earlier this fall.



Inuvialuit Community Information - Aklavik

- ▶ **Range and Movement Patterns:**
 - ▶ Caribou up near Shingle and never stayed around too long
 - ▶ Was young bulls and cows at Coney Lake, Barge Lake and Shingle Point area
 - ▶ Never came to West channel like use to be
 - ▶ Never stayed long; Hope may come back later
- ▶ **Human disturbance: no comment**



Inuvialuit Community Information - Aklavik

▶ Environment and Habitat:

- ▶ This summer the ocean was warmer, and lots more erosion happening.
 - ▶ Less snow in fall than used to be; river is still open October 16th
 - ▶ Spring is earlier
 - ▶ Ice out May 20th 2017 usually late May-June
 - ▶ Leaf-out was earlier
 - ▶ There was a fire in the hills couple years ago in the foothills, we don't usually have any fires around here.
 - ▶ Muskox are tromping the ground where the caribou use to travel
 - ▶ Not much erosion on hills, more on creek
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- ▶ ▶ Lots of slumps