



**Arctic Borderlands Ecological Knowledge Co-op
Community Monitor Reports
2015/16 Season**

Inuvik – Gwich'in

By: Amber Aleekuk

Introduction:

The interviews were a great experience and all interviewers were very nice to participate. I have learned a lot more and find it very important that people participate in them. They help keep track of what's going on the land and as well with the harvesting.,

Time on the land:

Most of the harvesters that I interviewed didn't have much time on the land this year due to work and the weather, As well with the abundance in spring. I found did make the time to hunt this fall because of the amount of Caribou were in great numbers.

At most times they would try to go to there camps when they had time off work.

Weather:

Most of the participants have said the weather was very warm this year. Making it a little harder to hunt and trap. They have also said there was less snow and this year was a quick winter/spring.

Changes on the Land:

This year everything seemed to happen faster, because the weather was so warm. There was a early spring this year so all the trees, bushes and willows bloomed earlier than normal.

Harvesters also noticed the water had been going up and down. Making it harder to go out and hunt.

And due to lots of rain in July and August the berries were not very good to pick.

A late winter also took place; it had taken two months before the snow would actually stick to ground. People were also boating until the end of October to the beginning of November.

Porcupine Caribou:

This year there was more Caribou than last year. Almost every person I had interviewed had made the time to go up in the mountains to hunt (NT/Yukon boarder). Most harvesters have said that they noticed the caribou went back and forth this year from Alaska to the NT/Yukon boarders.

Majority of the harvesters said they were disappointed with how people were hunting this year in the mountains and that there should be a harvesters education program for the youth.

“Way to much caribou were wasted” This was quoted a lot by the harvesters.

Everyone seemed very satisfied they got caribou to provide for there families but also very disappointed with the poor hunting people did.

Berries:

Due to the weather this year most harvesters did not get the amount of berries they had hoped for. They have said this summer was quick and very wet from rain.

Most berries were not suitable enough to pick let alone to eat.

Fish:

I found that most harvesters did not have the time to fish this year due to have the available time to.

But the harvesters that did go fishing did not get much fish this year. And no one had really feed dogs but one person.

Animals/Mammals:

This year there seemed to be more beavers, rabbits, wolves, caribou and grizzly bears.

Some harvesters had said the bears were out late this year and a lot of them were coming into the town of Inuvik.

Some of the harvesters who like to go out to spring had said there were less muskrats and otters this year. So not much hunting was done this past spring.

Birds/Insects:

This year it seemed the birds had come back earlier. But they had come back in very small numbers. Not much harvesters had been able to hunt for geese this year but the ones who had said there wasn't very much this year and they did not meet there's needs this year for them.

A few of the harvesters said they had noticed some humming birds and robins around the Delta.

This year the mosquitoes were average. Some had even said some of the mosquitoes were different colors. (Such as Yellow, Orange and neon green)

One of the harvesters also said they noticed more different kind of insects this year.

Closing remarks:

In closing I would like to say thank you for the opportunity to take part in these interviews this year. I really enjoyed interviewing the harvesters and listening to the interesting stories they had about the land this year.

Some harvesters were happy to look back this past year and remember what they had done on the land. They also said this interview is very good to keep track of our land and it really gets them to think about the harvesting they do.

Most harvesters liked the interview and said they would participate again in the future.

Inuvik - Inuvialuit

By: Desmond Rogers

When I was doing the surveys it is a lot of information to collect. a lot of them didn't understand but I try my best to explain it to them.

While I gathered information they gave a lot of information. I noticed that they mostly spoke about the weather and how it affects most of the berries and fish. They are saying that the warmer weather is earlier in the year and is helping the berries grow sooner and as it is getting colder sooner in the fall the berries are falling off the branches and very poor abundance and quality. The fish are soft in the fall time while they set fish net in in the earlier fall. also same when they set net under the ice after the river freezes the fish are still soft from the waters being warmer may have effect.

More information was about how the caribou abundance has changed in the past year as there is more this year than any other years and how they are closer to the road. the quality is fair some are poor which means no fat but very good soft meat. For the people that don't hunt they didn't give much information.

For the mammals they all gave pretty much the same answers they were all pretty similar answers for them.

For the final remarks a lot of them notice that there is a lot of erosion on the land all over the delta and heading towards the ocean even one of them noticed that even traveling in the hills that they noticed erosion along lakes and hills that was very weird to see.

A lot of them were all very happy with the gas vouchers that they get for completing the survey...I didn't mark down, was just comments to myself that they would like to see more done during the year not just once a year. They also suggested that maybe hand books with this info on them so they can mark down their catches and different things they see on the land and they don't have to try remember the season are when it happened. also another one is some of them requested that their previous surveys come back.

Thanks again
Desmond Rogers

Tuktoyaktuk - Inuvialuit

By: Elizabeth Arey

Introduction

The majority of interviewees were the same as last year and some had to be replaced because they were not available. The people I interviewed cooperated well and were eager to share their observations.

Weather

A lot of individuals reported that there was more wind throughout the spring and summer. Less snow in the winter and a few people noted seeing more erosion on the shorelines as well as on the land.

Berries

Some individuals did some berry picking. Individuals report an average year for ukpiks, cranberries and blueberries.

Fish

There was a lot of fishing for mostly whitefish and herring, but some crooked back conney and trout as well. Only a couple of people fished for dogs, but most for subsistence and family. A few reported jackfish are being caught in the area.

Birds

Most say that geese, cranes, ducks and swans are abundant. Most are reporting seeing a little yellow warbler.

Caribou

The hunters in the Tuk area hunt the Bluenose west herd on the Tuktoyaktuk Peninsula and not the porcupine caribou herd. Most hunters said that the caribou are in good shape. A few reports of limping. Some hunters say that there are lots of caribou and they are healthy.

Insects

A few people said there were more mosquitos, but most said it was an average year for mosquitos.

Caribou Predators

More eagles, wolves and grizzly bears are being seen. Some hunters noted that they see a lot more wolverine tracks around the area.

Mammals

Not every person hunted every animal, but a few people said that more otters were being seen in the area.

Conclusion

Overall the surveys went well. I tried to interview the same people from last year. Most people said they would do the interview again and were interested in giving their observations.

Old Crow Yukon – Gwich'in

By: Jason Van Fleet

The following is a generalization of interviews and discussions that took place in Old Crow January 2016. The information collected is a reflection of events that occurred in the year of 2015.

This is my second year conducting interviews from ABEKS. Generally locals look forward to this initiative and are happy to report their information, all agree there are great benefits that come as a result of taking the time to go over and complete the interview and participate in research.

As the interviewer for the Community Based Monitoring Program, I had an opportunity to stimulate conversation with interviewees, drawing out stories, traditional knowledge and comments as related to fish, wildlife and their habitat.

The interviews conducted made some of the following suggestions:

Most that were interviewed suggest that spring is coming 1 month early and freeze up is coming one month later, local residence are seeing the river go out in the spring up to one month early than previous records show. This early breakup of the river may also be the long-term effects of a significant icing event that occurred in January. During January it was noticed that rain fell from the sky creating an inch and half crust along the top of the snowpack. Snow depths during the first 3 months of 2015, neared the 5 foot mark in the bush. This made for real wet conditions in the bush, along creeks and on the river. Ice thickness was on average about 48" to 60".

A lot of wind and rain was experienced during the summer resulting in cooler weather throughout this season, berry pickers report fewer berries in the fields and the quality of that berry was down a small amount.

Birds were reported to be fewer than previous years. The birds that were observed appeared to come through earlier in the spring and departed earlier in the fall.

The Porcupine Caribou herd (PCH) is winter along the Dempster highway. As report during the previous year, traditional knowledge told us the PCH needed to winter along the Dempster. It was noted that the PCH did not winter in the Yukon for 6 to 7 years and the older caribou were dying off and it was them that needed to show the younger caribou where the wintering grounds were in the Yukon. The depth of the snow also played a factor, with less snow during the late 2015-year. Residents reported greater numbers of caribou yearlings both female and male while moose were reported as fewer.

Predators –wolves, lynx and wolverines viewed throughout the year were reported as the same or fewer.

Vuntut beneficiaries continue to harvest fish to put on the table and to provide for traditional purposes; generally this is done with a fish net. User groups are targeting and harvesting whitefish while keeping they're by catch. King Salmon have seen a reduction in numbers; some have turned to putting nets under the ice to harvest lake whitefish and Coho from the river in November to meet their needs.

Overall 2015 had its ups and downs. Starting with a rain event in January and community peoples freezers were empty during the early part of the year, than in April about 1000 caribou came within reach of hunters and the community took about 100 caribou to meet their needs going into the summer months. These caribou were reported as average in health. An early spring set hunters out on both boats and skidoos to harvest the waterfowl (ducks and geese) east of Old Crow along the portage and along the Crow River north of Old Crow.

With a wetter and cooler than normal summer reported, two bears created a human wildlife conflict in the community and both grizzlies were dispatched. A story of survival ran rampant through the community in late summer (august) a hunter landed his boats on the banks of the Porcupine River in front of the community. His story was reported as he shot a caribou and landed the boat along side the river and began to skin his caribou, he heard a noise above the cut bank ahead, quickly he realized that he left his gun in the boat leaving him and his family unprotected by what was coming. Quickly his daughter passed him the gun from the boat about 30 feet away, he turned and saw a grizzly charging over the cut back at him and his family or to get the freshly killed caribou at his feet. He unloaded a round at the grizzly and killed it with the one shot, falling dead about 5 feet away from him. After unloading another round into the bear for safe measures he collected himself grabbed the caribou, jumped into the boat and headed back to Old Crow leaving the grizzly on the bank. Noticeably shaken he reported the incident and a couple of Vuntut member went back up and collected the animal and returned home. The animal was left on the bank of Old Crow and the next day it was skinned and the hide, bites and pieces were forwarded to CO Services for public Auction. As you can see the struggle between life and death still exists in this natural state that we live in.

Snow came in the fall unexpectedly early during September resulting in 6 inches of snow covering the landscape, temperatures dropped and the river began to freeze over. A real warm spell came in October bringing the temperature up in to the positive, the snow covered landscape began to melt, increasing the amount of water in the bush and coming down the creeks raising the level of the freshly frozen river and sending it out twice during October.

That concludes my report for the 2015 year, I thank all that keep this initiative going and the people of Old Crow have always been forth coming with their stories and activities seen on the land throughout the year. This is greatly appreciated.

Fort McPherson – Gwich'in

By: May Andre

Time on the land:

A lot of the harvesters that were interviewed spent a lot of time on the land.

Unusual, Extreme or Rare Weather Events:

Winter – More snow than normal. Mild winter with some cold spells.

Spring – Warmer and drier than normal in some locations. Sudden winds.

Summer – More rains and sudden strong winds than normal. Less thunderstorms. Cool and damp summer. High water all summer and fall. Someone saw a funnel-like cloud by the border.

Fall – Depending on location, there reports of lots of snow. More high winds. Ferry and highway shut down frequently. December was mostly mild.

Peculiar things about the weather:

Above normal temperatures in winter. More sudden high winds causing closures of Dempster and ferry crossings. Lots of rain and high water. Hardly any thunder storms. Late fall with lots of overflow.

Berries:

Lots of yellow berries and cranberries on mountains. Less blueberries. Most pickers met their needs.

Fish:

Harvesters report some soft fish due to unusually warm water. Lots of whitefish, coney and Dolly Varden reported. Everyone met their needs.

Game birds:

Less ducks and more geese, grouse and cranes. Lots reported in Yukon and on Delta.

Waterbirds:

Less loons, swans and shorebirds reported. More in some areas in Delta and Yukon.

Birds of Prey:

Less falcons, hawks, owls reported. More eagles.

Songbirds:

Less woodpeckers. Many did not know about nighthawks or kingfishers.

Unusual birds:

Lots of small yellow birds, snowbirds and snowgeese. A few reported less yellow birds, birds the size of whiskeyjack grey with red spots.

Bird Migration:

Waterfowl and songbirds arrived late and left early.

Particular things noticed about birds:

Swansons' Fly Catcher seen. Black bird of prey smaller than an eagle and bigger than a crow.

Caribou:

Less caribou seen winter and spring of 2015. Thousands in August, September and October. Everyone met their needs. Lots of caribou stayed close to McPherson this year (fall and winter). Overall condition was good, especially in November and December. Very few with physical abnormalities. One caribou meat was black and had 2 big lumps inside ribcage.

Insects:

Less mosquitos, black flies, dragon flies, wasps and bumble bees.

Caribou predators

More grizzlies, less black bears. More wolves, lynx and wolverines.

Mammals:

More beavers, squirrels, marten mink, wolves, caribou, grizzlies, wolverines, otters. Some areas more rabbits, lynx and foxes. Muskrats seem to be returning. Less black bears and moose.

Unique, rare, unusual or special wildlife or wildlife habitat:

- Basically above normal temperatures. Permafrost melting at a fast rate. Excessive erosion of sides of lakes, rivers and creeks. Slumps are getting larger each year. This fall one lake broke open on the hills.
- One harvester had an ice house built in the Delta during the early 80s and last summer ws the first time he saw water in it (1.5 feet).
- The lake broke open at Timber Creek 2-3 years ago making the water muddy and finally this summer the water cleared up.
- There used to be glaciers at James Creek and Sheep Creek late into the summer. Now there is nothing.
- Small lake behind Husky Lake broke open in November, water flowed into Husy River and into the ice in the Delta. Too much risk for people to travel as water

had to freeze again in the Delta. The ice froze all jagged and rough with lots of overflow. Hard to make dry fish as the weather was cold and damp.

- At Midway Lakes camping during the night someone heard a strange noise. Don't know if it was a bird or not. Very scary sound.
- Elders long ago advised hunters not to shoot mature bulls. This was because one bull could mate with 30-40 cows, increasing population. Now hunters are being told to shoot bulls only.

Remarks:

- Some questions are repetitive.
- Enjoyed interviewers company.
- More questions about climate change regarding land and water temperature.
- Good to monitor what happened in the past and present.
- We need to have programs where the young hunters are taught how to work properly with caribou and take only what you need.
- Keep going – helps us understand what is happening.
- Good for future use. Young hunters learn how things used to be. Kids need to go out on the land and learn what kind of caribou to shoot and when to shoot them. Don't shoot bulls in the fall.
- All this info is important to keep track of. Remind harvesters to keep an eye on unusual events during seasons, weather and animals.
- This survey passes good information for the present and future time coming.
- Interviewees should be given small notebooks or calendars to record their info.

Thank you to everyone for their valuable information and kind hospitality. I enjoyed visiting and interviewing all participants.

Arctic Village – Gwich'in

By: Mildred Allen

Another year has gone by with warm weather all year in 2015. I went and visited 20 people who went out four or five times a week harvesting caribou, moose, fish and berries. Only a few people went trapping for wolf, marten, and fox. They go out for one or two weeks and they said it is was a good year for trapping. Not many people camped out on the mountain and smoked meat. Others go out on day trip because some of them are working.

Last spring was very warm but finally got snow in December, but was warm up to June. We had heavy snowfall on May 31st. It was very wet. Late July it got really cold and snowed in August but in September it rained, which is very unusual, but we went through October and November with no snow. Just very little so people had a hard time getting wood. But they said they enjoyed the warm weather. It finally snowed in mid-December and only one week of -30 below. Some people said that was the only time it got cold.

Blueberries were good and delicious. A lot of people went out and picked blueberries and met their needs. But it got very cold in late July so cranberries did not grow.

In spring the ice went out quickly so people said they did not go ice fishing in the spring but did go in the fall. Grayling were abundant and almost everyone fished and some go up to Old John Lake to get lake trout and whitefish. A couple of people caught king salmon in their fishnets, which is a surprise because they are only in Fort Yukon river. Too far north for it but they are starting to come this way, which is unusual.

With all the warm weather the birds and ducks came early and a lot of people went tuck hunting and they stayed late. Ptarmigan was here and a good year for it. For loon and swan it was the same as other years. They mostly just stay on the lakes.

Eagles were all over. People said they saw them when they went out and there were a lot of them. Hawks are rarely seen and only a few people said they saw them. No woodpeckers were spotted.

Caribou came in December and stayed all spring. It was a good year for caribou but in the fall they went right through and moved towards Venetie area so a lot of people had to drive half way to Venetie to get caribou. So in the fall no one harvested caribou but everyone got moose. It was abundant. There were more female out there so only a few got female because they had young ones. No physical abnormalities were reported and everyone said the meat was good.

For insects, mosquitos were bad but no flies last summer, which was very unusual. There were only a few bumblebees around.

Hardly any predators bother caribou. Mostly wolves follow caribou around and caribou go in groups, which is very unusual. Porcupine Caribou herd is moving south maybe because of heavy willow growth in our area and more moose.

Mammals are the same as other years. Some said muskrats are coming back after 10 years or so. For trapping there was marten and wolves. It was a good year for trappers

and they were happy. There were hardly any bears around. They are in the Yukon Flats area.

Four guys went out and hunted sheep. They could only bring three rams back they said. They had to hike for two days to get to the sheep at Red Sheep Creek. They were mostly on the side of the mountain and they had to backpack to meat to where the airplane picked them up. It was a lot of work and they went in the rain with little sleep. But they said they will do it again. That was in fall time.

I enjoyed doing the interviews. But this is a year-round job for me. I ask the people to write down on the calendar if there are any unusual happenings. That way they can remember unusual events.

The elders are concerned about caribou migration because of willow growth. With climate change a lot of lakes are draining out. This concerns people. And there are no glaciers on the mountains. They said when they go out to get wood the wood below the mountain is dry. Upper level is all dry. There are hardly any swamps they reported. All enjoyed doing the interview.

Thank you, mahsi' choo.

Akalvik – Inuvialuit

By: Rosemary Arey

Weather

Majority of the people reported weather in the winter was warmer than usual and less storms, Spring was longer and one reported that this spring was different break up , the ice rotted away and when you hit the ice it just fall into shingles. Summer was good and one reported hail and storm in august. Fall was reported to be longer than usual also reported to be high water around coastal area. Some reported it moved some cabins and did some damages and one reported it came up to 5 feet of water. Majority of the people that traveled to the coastal area say that there is more land-slides and erosions of land also one reported that the hills are starting to slump.

Berry picking

The season was good for the cloud berries and blueberries and majority said poor for the cranberries but one said he has a good stash hiding.

Fishing

The season was good; a lot of good harvest on coney, dolly Varden and herring.

Birds

More eagles/ geese and ravens and also more ravens around coastal area, one reported a Yagard. Colour was black/blue and white floating with the seagulls.

Bird migration

Most reported they came early and left early and the geese are taking different route; come and go quickly.

Caribou

Some say they took a different route this year. 1 said maybe because of fire, came and gone quick, no reports on anything bad about caribou, few reported they seen predators eating caribou ,highest was 12.

Moose

Was reported to be more, also rabbits, muskrats, wolves, muskox, otters and mink.

From my experience I have seen a lot of differences in the past few years in break ups and landslides and low waters and high, while traveling and staying on land to harvest my traditional food with family.

Thanks again for a good season of working with others and hearing their stories, was a pleasure. Thanks again.

Rose

Tsiigehtchic

By: Anna May McLeod

1. Introductions:

Harvesters from the community of Tsiigehtchic spent most of their time and energy on the land in the Gwich'in Settlement Area (NT) and Yukon Area. Everyone in Tsiigehtchic like and have respect for the land, animals, plants, weather and water. All the interviews were completed with expertise and experience of the people.

2. Time on the Land:

Harvesters age range was from middle age to elders, we missed out on interviewing a couple of youth this year.

Harvester spent from three months to one year on the land for the 22 people interviewed.

3. Comments on the Weather:

Harvesters said that it was cooler in December to February and was warmer most of the winter and spring months hardly any cold weather at 50 below and over. It was hotter than normal in July to August and May and June also a lot cooler than normal for last year spring and summer months. The harvesters said it was more snow than normal in December to February and milder of this year mostly in March. The trappers and hunters said it was less snow in November to January and it was more in the spring months than winter last year. Terrestrial rain was mentioned in July to September and it was not much this year in the summer months. More thunder storms were from June to September also less every year but louder. Crusty snow from September to January and denser snow also like pebbles. (Small hail). It was really frosty in September to February and we had the same weather all year and seen frost mostly on the tree branches. It was more winds in August to October and less in spring months. The drought weather conditions were noted as don't know for most of the interviews was mentioned for most of the surveys but drier in May. For the Other weather conditions, it was mentioned that the fogs were damper, moister and low to the ground from July to September for two to three years now. No unusual or extreme weathers on these months April, May, June and October but lots of changes for the other months throughout the year.

Other particular things on weather:

Seasons are two months earlier throughout the year and really coming earlier. Not much snow until February and the northern lights are more and lower in December to February. The snow comes faster in spring time and stays longer. It's hot later on in summer months or sometimes it's hardly cloudy or windy and little bit of rain each season. The weather has Erotic patterns and cold spells here and there also damper more often in summer. Noticing more rain in the summer and the fish bugger up in July to August and makes it harder to make good Dry fish due to damp weather. The weather is lasting longer than previous years, wetter and lots of overflow than normal also hotter in May and rainier. We notice lots of snowy weather. We are getting more Cracks on the land around town and more sliding of river banks and water run offs. The rain is draining more into the streams.

4. Comments of the Berries:

Harvesters said they picked some knuckle berry and they were average in July and softer in August. The blueberry was good and small some places and larger other places. The cranberry and blackberry was average and picked in august and September and some said met needs and other said never met needs depending on the area they went to pick.

5. Comments on the fish:

Harvesters got lots of fish to eat for family and friends and it were good quality and more pickerel is being caught, also some red belly fish.

6. Comments on the Birds:

Harvesters said the migratory birds are more and never met needs and they are arriving earlier and leaving more lately. Saw some difference species in the smaller bird's section. Predatory birds are more and coming earlier each year and leaving later in fall. Snow birds are coming earlier in January. More songbirds in the summer.

Game birds: mallards seen less and same for the geese, ptarmigan it's more. Sandhill cranes are the same and for the other species: such as snipes which is less and the songbirds are more but less for the black ducks.

Met needs-no-6 people commented and did you hunt-no-6 people commented and for the people provided for: 06 people commented.

Loons, swans and shorebirds: are the same as usual.

Birds of prey: falcons, eagles and hawks are about the same to less and for the owls too. There is less woodpeckers, nighthawk and kingfishers.

Unusual-different species of songbirds in July, whisky jacks and seagulls are more, mostly passing through not stopping and flying real low in the spring don't usually see this in the pass.

Bird Migration:

More songbirds-no change and coming earlier each year, waterfowl: no change and coming later and leaving later in the fall.

Other birds: coming earlier and leaving later.

Unusual: not following usual fly route and coming earlier and leaving later each year, eagles around end October early November around the church hill in November yet.

7. Comments on the Caribou:

Harvesters said that the caribou is getting more in spring and fall and less in winter and summer in our area and they seem to be average to good in condition of body characteristic. The predators are more are coming in spring and fall and less in summer also not bothering around too much in this area; just wolf's sights were seen and it was moose that they were after. We also have more in our area. Most said that they met their needs by the community hunts provided and other hunted for themselves and family.

Abundance: was about average and not as fat this year but more in the Richardson mountains area. The needs of the people were met and most interviewers went hunting and participated in the community hunt for moose, caribou, geese, ducks, muskoxen and fish.

Characteristics: overall conditions fair to good, size-average and abnormalities-none

8. Comments on the Insects:

Harvesters said that the mosquitoes were about less to average and some bugs are getting larger. More of the spiders bark beetle, horn bugs and bulldogs.

Caribou predators: eagle-more to same, grizzly and black bears-more to less, wolves-more, lynx-more, wolverine-less, others-coyote and cougar-don't know

Kill sites: moose killed by wolves up ARR 10 miles and Eagles on highway for rabbits, ptarmigan, lemons and mice.

9. Comments on the Mammals:

Harvesters said it seems to be about the same to more of the fur bearers and most harvesters hunt and trap the mammals in our area. In the Previous years, no notice of any different species but this year there is some different species sited by harvesters.

There are more beavers, martens, weasels, red fox, lynx, wolves, moose, muskoxen, black bears and cubs, grizzly bear and cubs and otters, squirrels and rabbits.

There are fewer muskrats, mink, coyote, wolverine, white fox, caribou and Dall sheep.

Harvesters said they didn't know about the polar bears and cubs, beluga whales and bowhead whales and most said they did not trap or hunted these mammals.

Unique or rare: erosions on rivers and lakes each summer and spring, more muskoxen, less woodland caribou.

10. Unusual Wildlife and Wildlife habitat:

Harvesters said that one caribou was just green throughout its body and some seen different black birds and less wood land caribou and more muskoxen.

11. Closing Remarks:

Most said it was a good experience and would do this survey again in the future. This survey is quite popular with the people; they are very interested in receiving the reports

from all communities in this area for the wildlife, environment and water comments and concerns. It helps them have knowledge of what is happening in the two Territories in Canada. Most said it was a good interview and don't need to change anything others mentioned to have more check off and a comments section for each section, maybe do every six months to long to remember and other mentioned it was helping them to be more observant of the land when going on it.

Comments:

Make it annual so we could see what is happening each year or every six months, have more booklets and maps to look at and keep, make is less time and simpler like check of answers and one comment section for each section.do over phone is good and more comfortable. Get RRC to pay out the gas and worker. Get different people each year rotate, just did estimated for answers need to have survey every six months to remember better. Was a good lot to think about and see when on the land.

We are sorry that we are unable to provide reports Aklavik (Gwich'in). Survey data from Aklavik was entered into the database.

**We are grateful to the following people for their generosity.
Your support has made another successful monitoring season possible.**

To the people we interviewed:

Inuvik

Kevin Mitchell
Irma Cardinal
Ernie Francis
Lawrence Neyando
John Jerome
Michael Francis
Frederick Jerome
Frederick Jerome Jr.
Thomas Wright
Ben Mitchell
Byron Thrasher
Jeffery Blake
Billie Lennie
Gailann Raddi
Alecia Lennie
John Charlie
William Snowshoe
Bradley Mitchell
Harley Minakis
Phillip Mitchell

Inuvik

William Day
Dinnis Chickski
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Abel Tingmiak
Peter Lennie
Tommy Chicksi
Patrick Harrison
Bertha Joe
Jimmy Kalinek

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Brian Kaye
Abe Wilson
Phyllis Andre
Brian Francis
Keith Colin
Billy Wilson
Robert James Francis
George Vittrekwa

Fred Koe
Diane Koe
Dakota Koe
Joe Vanelsti
Perry Robert Jr.

Emma Kaye
Kenny Koe
Georgie Blake
Archie Jerome
Jojo Jerome
Paul Koe Sr.
Mary Ruth Wilson

Tuktoyaktuk

Eugene Gruben
Jonas Lucas
Shirley Elias
Randy Gruben
Lucky Pokiak
Mason Kimiksana
Veryl Gruben
Chucky Gruben
Richard Gruben
Jim Elias
Eileen Jacobson
Billy Jacobson
Roy Kimiksana
Dale Panaktolak
Randal Pokiak
Melanie Keevik
Pete Keevik
Wayne Cockney
James Pokiak

Andy Avik

Arctic Village

Danny Gemmill
Gregory Gilbert
Charlie Sweeney
Robert Erick
Robert Sam
Jerrald John
Joel Trill
Mike Lee
Rodney Albert
Audrey Tritt
Ernie Peter
Allen Tritt
Mabeleen Christian
Donald Tritt
Caroline Tritt-Frank
Albert Gilbert
Rocky John
Harvey Willoya
Karlus Norman

Old Crow – Jason

Irwin Linklater
James Linklater
Freddy Frost
David Lord
Joel Peter
James Itsi
Robert Kaye
Joseph Kaye
Elizabeth Kaye
Harold Frost Sr.
Randy Travis
Robert Linklater
Harold Frost Jr.
Esau Shafer
Marion Shafer

Vicki Josie
Paul Josie
Stan Njootli Sr.
Stan Njootli Jr.
Earl Benamin

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RoseMary**

Larry Arey
Renie Arey
Jerry Arey
Dennis Arey
Sam McLeod
Joe Arey
Patrick Gordon
Andrew Archie
Brandon McLeod
Jordan McLeod
Cody Kogiak
Danny C. Gordon
Dean Arey
Brian Kasook
James Archie
William Tyrell
Jonas Meyook
Michael McLeod
Robert Archie
Jimmie Doug Meyook
Sarah Margo McLeod
Margaret McLeod

**Aklavik – Gwichin –
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John Carmichael
Andrew Charlie
Edie Greenland

Freddy Furlong
Charlie Furlong
Norman Kendi
Shandel McLeod
Ian McLeod
Eddy McLeod Jr.
Eugene Pascal
Dennis Semple
Louis Cardinal
James Edward Jr.
Gregory McDonald
Anna-Lee McLeod
Victor Firth
Wally Tyrell
**Tsiigehtchic – Anna
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Ann May MacLeod
Peter Clark
Shane Moore
Lucy Norman
Pheobe Arey
Louie Cardinal
Maureen Cardinal
Alestine Andre
Renie Koe
Sammy Lennie
Shawn Van Loon
Archie Inglangasuk
Russell Andre
Mary Lennie
Richard Stewart
Brandon Andre
Albert Ross
Marion Blake
Frederick Blake Jr.
Wayne Cardinal
Michael Frost

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May Andre

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Inuvik HTC

Tuktoyaktuk HTC

Tetlit RRC

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WMAC(NS)

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Gwich'in Renewable Resources Board

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Anybody else who we have had the unfortunate oversight to not include here