

ALLIE SALLUVINIQ - RESOLUTE

I was born at Inukjuaq, Quebec in 1949.

I do not remember at all when I was a child or when I grew older as a child at Inukjuaq because we did not live there. I only went to Inukjuaq to go and see what it is like but not for long. We were relocated here from Inukjuaq in 1953 I have lived here during my youth to adulthood.

There has been climate change. I think that the change has been happening for about ten (10) years. My parents did not state if the climate was changing or not. This past year has been raining a lot and that is one of the changes. It never use to rain so much but when it is too wet out it is not the right time to go out hunting and that where one of the changes is. Hunting is prevented when it is too wet out due to climate change.

Seems like it is not as cold out as it use to be, to me anyway. Perhaps this has been like that for the last ten (10) years.

As far as I know it is not as cold as it use to be. It rains more now but the snow still seems to be the same. I don't think the storms have changed. It doesn't thunder much here, last year I know that it thundered. I knew that it thundered quite a while ago when I was a child and I know that it thundered last year. The winds use to come from the north but the winds now come mainly from the east now, not directly from the north.

It use to be darker in the winter in the older days, it use to be darker during the dark season but it does not get so dark anymore.

I think that the ice on the lakes are still the same. The ice on lakes and rivers vary and I know that the thickness of the ice vary each year. It is still the same like when there is less snow the ice is thicker and when there is more snow on ice the ice is thinner, that's how it seems to be to me. The ice is still the same. Seems like the ice goes sooner now in the sea, I don't think the ice gets as thick as it use to. Each year is different so I don't know very much about the floe edge. I notice that this summer that the permafrost that wasn't too deep to reach in the summer is much deeper to reach now. The thaw is much deeper now on the ground. The marshy areas have changed too now.

There is erosion by the rivers and I guess under the ground as well. I think that the water travels more now underground because the ground is thawing out more. The ground is eroding underground, I believe it is caused by the sand. I don't realize if there is a difference if it snows more now or not because it is pretty well windy here, all I know is that we don't get much snow here.

Seems like the ice on the sea is thinner now. We can travel on the sea on a shorter time in the spring now because of the thaw.

Every once in a while there is a fowl that never use to come here sighted now and I don't know what the names are of those fowls and also there was a wolverine.

I haven't notice anybody getting sick because of the climate change. I guess there isn't enough change to affect the people with their hunting, not to date so far.

I do not know if the fish are affected.

I do not know if there are any new plants but the plants that use to be small are now bigger and more. They seem bigger now, there wasn't that much plants and the plants use to be really small.

I guess it is because it is warmer now that they are growing bigger now and it is more wet now. I believe the animals have more to eat now. I think that harvesting has been affected by this.

Water in the rivers and lakes vary each year but this year because it has rained a lot they have been flowing quite a bit. The areas where the rivers flow probably got bigger. The water quality, according to me is still very good.

I have never known a fire caused by nature.

I do not know if people's health has been affected by the climate change.

Meat from the animals is still very good as far as I know.

We certainly do enjoy warm days.

David Ooingoot Kalluk - RESOLUTE

I was born a long time ago around 1940s at Qarmarjuk, near Pond Inlet and I was starting to remember things then. We use to live at Tununiq. I was born on December 12th.

After being a child and at a ripe young age we moved here to Resolute Bay in 1959 and ever since then we have lived here. I have always lived by the coast and I have always been an outdoors person.

In the summer time right after spring the tide did not rise or ebb for three days then in the winter when winter came the direction of the winds changed or perhaps the earth tilted. The tide did not rise or ebb for three days, it remained the same.

In the spring, my family use to stay at the point down there. I'm not sure which of the 1900s it was but the north wind has changed and at that time I did not watch if it was changing. Being a hunter you notice changes like the north snowdrifts have changed, the snowdrifts have changed because we live in an area that gets dark on we rely on snowdrifts. When we try and follow the snowdrifts that were caused by north wind we tend to go further south, you tend to miss the community and go further south when you rely on the drifts that are caused by the north wind. We were going further south when we were trying to go home using snowdrifts until you learn differently concerning the snowdrifts but now that we have learned about them it is alright. My father have also stated that the direction of the wind have changed.

There is a big change of the sea, water and ice then a few years ago, it melts a lot faster now. I have been thinking that the sea water is warmer now. I cannot go to the places I use to go to by dogteam in the spring time, they cannot be approached anymore because of the danger of thin ice. This community is not the only community that is affected by this, I went to Qanaaq, Greenland in the early summer, late spring. The elder of the community also stated that they cannot have floe edge anymore and that the whole ice leaves all at the same time too now because the ice melts very easily now. The sea ice touches the environmental change the most because it is warmer now. I cannot go to the places I use to go to because it is too dangerous to go there now, the places that are close to the islands get too dangerous.

The ice melts through the bottom of the ice, and for that reason I have been thinking that the sea is getting warmer, that it is not so cold anymore. The ice, by the looks of it, are melting from the bottom up, and because of the different direction of the snowdrifts therefore it gets dangerous first. It looks like it is caused by current, there is always a current and it seems to be the regular current that we get. When I was travelling by dogteam in June where I use to go to but right now the places where I use to camp could not be camped on anymore because it is too dangerous, it gets too thin first now. For that reason our hunting area is not very good to go to now, there usually is plenty of bearded seals there and I usually go there in the spring time to do my bearded seal hunting. That area cannot be travelled on now in the spring time.

We can only hunt now in the close by and it is not so bad close by but we cannot have floe edge anymore because the whole ice leaves all at once now and it is not good. Perhaps it because of the north wind problem that this happens. The wind tends to come from the south more now than before and also from the east, these are the two main wind directions now and those two wind directions are from the south and the east. Those are the two main wind directions now. Those two wind directions are the two winds that are not as cold as the others and that is known by the hunters.

It rains more now because of the change of the wind directions. The wind direction have changed therefore it rains more, the weather is not as good as it use to be. The weather is worse now.

In the older days there use to be a floe edge for a while from here to Griffith Island but now it is not so. The ice all melts now from the bottom. At this time of year the ice use to melt both from the top and the bottom.

It is still cold in the winter, it certainly is not warm in the winter. The wind direction does not usually come from the north anymore therefore it doesn't seem as cold although in the winter it is still just as cold.

Seems like it is the melting of the sea ice that seems to make the most change. It wasn't too long after we moved here that it really was snowing in August. That was the coldest August, there were even snow drifts and the snow did not melt after that, arctic tern eggs were covered with snow. That was the earliest winter that I can remember.

Each year is different for the amount of snow that we get. This past winter there wasn't that much snow anywhere. There wasn't that much snow close by.

The amount of snow that we get each year varies.

We still do get our snow storms.

We don't get any thunders in our community. Where I had my outpost camp at the other side of this island thunders quite a bit. That area is the only that does thunder quite a bit for some reason. Resolute does not thunder and Creswell Bay which is on the other side does not thunder either but the place that is called Prince of Wales does thunder regularly when it is raining, you can usually hear thunder.

The wind usually comes from Northeast now, that is usually where the wind blows from now which is a little off from before. Our winds are pretty well all away from their regular directions. It is as if the earth has made a slight turn.

I cannot say whether it is windier now or not because it is never the same.

Sometimes it is windy during the winter and sometimes in the summer there is no wind at all and sometimes there is less wind, this I cannot state either. The only thing I can say something about is the clouds, seems like what they predict is good weather but they lie now. When I didn't have any weather information I was working for a large boat and the sky was my only weather informant but the weather forecast by nature does not give true information anymore. The weather does not clear up right away like before. When the weather is bad and it seems as though the weather will clear up, when the good weather clouds are visible, it does not clear up anymore. That is how it is now.

The seasons are still the same, winter, spring, summer and fall.

I am not considering how soon the lakes melt, when it gets cold they lakes still do freeze but our lakes, the ice on the lakes did not all melt but all the ice on the lakes do melt now, the whole ice melts now.

Stanwell Fletcher lake at Creswell Bay is a large lake and the ice did not all melt from that lake but now it all melts now. People fish at that lake. This is how it seems to melt sooner. This is how it seems to be in the spring, seems like it will finally warm up in the spring when it starts warming up but it doesn't and although it seems as though it is going to get cool it does not either and that is how it is now, seems like the seasons are late. The lakes are still just as thick as they use to be, the water levels are still the same.

The weather is terrible now in the winter. The ice will start forming but we cannot go on the ice for quite a while now in the winter because of the usual winds from the east. The ice will form but it is too thin to go on and when the winds are coming from the north it will start snowing and this causes the weather not to get cold enough and for that reason we cannot go on the ice for a while.

There is a floe edge for a while but the ice stops moving further down now. The ice still moves quite a bit. It still takes a while for the ice to settle.

I have not tried to find out about permafrost but I know that areas that never use to melt have melted quite a bit.

I cannot state whether there is more snow now or not because each year differs. I have not noticed if there any animals that are not regularly sighted here do come here now or not. There never use to be any house flies but now there are some and also little flies similar to mosquitoes but do not bite but there aren't any mosquitoes yet.

The ducks that regularly do come are still the same ones.

I have not noticed any changes to the fish.

I have not noticed if there are any plants because hardly any plants grow here.

One thing that I do notice is that there is a star that appears at night, at the end of the evening, it always use to be in the lower part of the sky but now it is higher.

From that we can tell that the earth has moved using that star as a locator. That star becomes red and blue, I think it is mars. It has always been at the lower part of the sky but you can see it up closer now, it is even high now.

Isaac Kalluk- RESOLUTE

I was born near Pond Inlet on July 14, 1952.

I don't recall being in Pond Inlet much because I was too small. I always use to play outside into my adulthood. I use to travel to various places but today I am just an employee.

The climate has changed since I was a child. It has changed quite a bit here. I started noticing the change in the climate about five (5) years ago. When I started remembering things my parents were talking about the climate change. It is windier now and the change in the ice and water is faster now, it is a lot warmer now. We have to make sure that we travel before the weather changes. It is much warmer now, even in the winter. It use to be really cold in January and December but it is not so cold now. The temperature has changed. I do not remember when the change occurred.

There is change to the rain and snow. The storm has changed too but I don't know when that took place. It still does not thunder here. The winds have changed. The winds use to be northerly but now we only get winds from the east. There has been changes to the seasons.

I feel that there hasn't been any changes to the lakes. The thickness of the ice is never the same, it varies each year. Usually the ice on the lakes are thinner now. The ice on the sea takes longer to form now and the ice tends to all melt now. The sea ice is thinner than before.

The sea ice all tends to leave now, once it starts going it all goes now.

The permafrost has changed and this is noticeable. There are some areas that are eroding and there are some areas that are drying up.

I do not know about the amount of snow.

The climate change has caused some changes on ice, freeze ups, and snow and also on the current. I guess it is caused the weather warming up.

People have seen birds and insects that are not normally seen.

Animals don't seem to be affected by diseases. Nor does the climate change affect hunting.

I do not know if there are any new plants sighted.

The plant life has not been affected by the climate change. The climate change has affected a few animals.

The water and the rivers have not been affected. I don't know if the water quality has been changed.

I don't know if the health of the people have been affected.

Mary Kalluk – RESOLUTE

I was born near Arctic Bay in 1951.

I do not remember the exact years although there are some things that I do remember so I probably can talk that I remember when I was a child. When I was a child we always use to live in outpost camps at Crewell Bay and near Fort Ross. We would live in either of those two (2) places those are the things that I remember. In my teen years I use to always leave to go to school and I would stay home at two (2) months at the most. When I was reaching my adulthood I kept leaving and now I am definitely a resident of Resolute.

I feel that the climate has changed since I was a child. I know that it has really changed, especially the clouds. We use to be taught about the clouds so that we will know what will be happening to the weather. Seems like the weather was the way by the kind of clouds that appeared but now the clouds all of sudden will change. I am not sure when this happened because I do not travel on the land all the time now so I don't know when the change occurred. My parents have been passed away for a while now and they passed away even before this climate change. This is the main reason why I notice the climate change, seems like in the summer time it is continuously raining. I notice it so much in the summer, it seems as though the weather is never good enough to go boating and seems like it is windier than before, according to my knowledge.

When we are going to travel and because the weather seems as though it will be so according to the knowledge that has been passed on to us from our parents but the weather will change suddenly. We have had to cancel our trips because of the sudden change to the weather. The travel plans all of a sudden have had to be cancelled because of the weather. Seems like it is hard to believe what the clouds are predicting although what has been taught us by our parents are true but it is the weather that changes suddenly. This is the thing that I notice the most and seems like the ice melt suddenly because of the change of the movement of the ice. Seems like when the snow is melting and the ice is being filled with water seemed normal for a while and this is something that I am noticing is changing too. It melts suddenly and this is something that I have noticed too. For the last two (2) years, the previous year and this year I noticed that that it has melted suddenly.

I think that the temperature has changed, or maybe it is because of the length of time I have lived here but I think that it use to be warmer. I also think that it has been cooler for the last two (2) years. I can't recall when but when this lady who was a friend of mine passed away it was really warm, the sun was even so hot that we could get burns, I can't remember which of the 1900's it was. This was the thing that I remember quite well that it was even too warm to wear a jacket and that for the last two (2) years it hasn't really gotten warm.

I can really remember in the summer of 1996 or 95 when it was really warm. Our plants really grew that year and this is what I remember about that summer. Seems like the rain has changed. Seems like the summers have been wet and seems like it never use to be like that. Ever since I have been here for the past two (2) years seems like it has been raining continuously or misty and this is

something that I have noticed so much about. Seems like the windy season that we use to have in the winter is not so anymore. These are the things that I have noticed so much about. Seems like when we are going to have good summers the weather is bad during the winter, we get more storms. I don't know about the snow anymore because we have such a good snow removers, the snow is removed all the time from the community and for that reason I do not notice the snow. We rarely get thunderstorms here. Last year there was a thunder close by. The winds have changed. We can really tell that the direction has changed from its normal direction.

The environment has changed as I stated earlier concerning the clouds. We were told by our elders that it will be really windy. We were told that the clouds will bring strong winds so we were told to make sure that our tents were anchored well and so we were expecting strong winds but it just disappeared, this was something that I really noticed.

Seems like the seasons have changed.

Seems like the lakes in the spring time have melted a lot sooner than before I do not notice the change in the fall although I do go on the lakes a lot in the fall. The thickness of the lake depends on how much snow there is, if there is hardly any snow the ice gets really thick and when there is more snow the ice is thinner, that's the only thing that I notice.

I think that the permafrost is melting.

Seems like there is more moss now, seems like the marshy areas are getting bigger in our community.

I don't notice if there is more snow now or not there are some years when there is less snow and some years when there is more snow. That is how it seems to be Each year changes.

I notice that when there is new moon it is not the same any more, seems like the low tide is so much lower than before and high tide seems so much higher than what it use to be.

I have seen a bird that is not normally seen here. It had crashed unto our house which was slightly bigger than a snowbunding. It was bluish and purplish colour, I showed it to our Renewable Resource Officer. I was told that they usually go to Alaska but it made an error and came here instead.

I have never seen an animal with a disease.

I am not a hunter so I don't know if the climate change has affected animals or fish or not.

I don't know if anybody has seen a plant that was never seen here before or not but our plants here are much smaller than other communities that are warmer because it is cooler here.

There are some plants here called mountain sorrow which never use to grow here but they do grow here now.

The vegetation is affected here by the climate change.

Because there isn't much vegetation here we do not collect plants for food in our community.

Seems like our streams don't have as much water as they use to. The streams use to be bigger and wider. Water quality is still good here.

I do not notice fires here because there isn't any.

I do not notice if the bodies are affected by the climate change.

Because there is additives added to our water we have to get our own drinking water but I have never heard of anyone getting sick caused by our water.

One of the things that I do notice is insects. Although there aren't that many insects they seem different, they seem bigger such as moth. There weren't that many before but now there seems to be more and there are little flies similar to mosquitoes, they are much bigger now.

NATHANIEL KALLUK - RESOLUTE

My name is Nathaniel Kalluk. I was born at Pond Inlet in 1954, I think at a place called Aulativik or near Aulativik. We were relocated here when I was four (4) years old, to Resolute.

We have lived here since then until I was fifteen (15) years old, then I went to Fort Churchill to go to school. After returning from Fort Churchill I went to Ottawa for one (1) year or perhaps half (1/2) a year. After being down there when I returned here I found a lady and then moved to Pond Inlet to live there. After living in Pond Inlet for five (5) years I returned here and have lived here since then.

I did not take note of my surroundings when I was growing up. I grew up around white people. I did not notice things too much but today the ice goes now and that is something that I notice the most. The ice never use to go but now all the ice melts now so there are more tidal waves. We travel less now because of the tidal waves because there is hardly any ice now. This is something that I have noticed quite a bit.

My parents have not mentioned to me about the change of climate because the change is recent, the change happen only after I grew from my childhood. There have been some changes but I did not notice them.

The climate change has affected my business slightly, for the bears. I am trying to be one of the outfitters the operation of my business has changed a little bit. I guess the part where there is more water now their routes have changed slightly. I have not had to make changes to my business because of the climate change. The change has been for the better, seems like, to me anyway, the ice going away sooner.

I believe that the temperature have changed to warmer as far as I know, I have known about the change only at a legs length.

I know the season that has been most affected is summer. I do notice that it is warmer in the summer, the lack of ice. All the ice goes now, when the ice use to go part of the ice use to be left behind, usually the ice that was left behind was an old ice but right now there isn't any old ice to be seen.

I don't recall when it was warmer than usual or colder than usual. The change has not been drastic right now. Only foolish people notice it.

It has been raining more this year than last year.

The storms don't seem to have changed.

It does not thunder here, when we were living at an outpost camp it thundered there, at Prince of Wales Island but it was not visible.

The winds are from their usual wind directions. I only have overheard my older brothers talking that the direction of the north wind has changed.

Lakes and rivers still seem to be the same. There wasn't enough snow this past winter. Usually the places that do burst when they start flowing did not even burst out this year but were just flowing this past spring because of lack of snow.

We fish at Stanwell Fletcher lake in the spring time and usually the ice is eight (8) feet thick. That's the only thing I know about the thickness of the lake and it still seems to be that way.

The taste of the water has not changed but the snow on the sea is salty, it is mainly because of lack of snow although the thickness is all right. It is good water but slightly salty and that is normal, when it is new. Each year is different but I thought that we were going to have floe edge year round but the ice formed all the way to Pond Inlet, it reached Pond Inlet right away. The large bears usually hang around this area when there is floe edge, in fact I got one large bear from that large group but when the ice formed again the bears started going through the further area. All the ice melts now and is breaking up but further down, the ice is still whole. That seems to be affected. The ice seems thinner than before.

There use to be floe edge all the time

When the ice is forming it always goes from here to Griffith Island down to Lowther Island, Prince of Wales Island, that is how the ice usually forms and it is still the same.

I do not notice the change of the permafrost because I do not look for those. Right now I use card board boxes to store my food for the dogs. Our cache places do not need to be dug and stored anymore because of the card board boxes that we now use. Once fall arrives I will have to go and get the food from my cache boxes when the bears are arriving because we get a lot of bears here. There is more moss now, where there wasn't any moss there is moss now. Because it hasn't been snowing much there wasn't much snow in our community. I think that this was the only year that it was like that. It still snows just as much as it use to. The ice between Bathurst Island and Cornwallis Island has melted a lot sooner than usual. I think it also has to do with current but it has definitely melted sooner than usual.

We now see one or two mosquitoes now there wasn't any at one time. There is one sighted every now and then.

I did notice that there was a seal that was not so healthy, perhaps that is normal if it is an animal that was hunted that was struck and got away. I have not noticed an animal that seem to have a disease of some kind, an animal that has a sickness that does not seem to be caused by nature, I have noticed some animals with scars.

Perhaps the change of the weather would affect my business, it would shorten the hunting season, our bear hunts. Our hunting seasons probably would change if the snow started melting sooner. The current tends to change also when the environment changes.

There doesn't seem to be any change with the fish.

I have not notice any changes to plant life.

The animals that depend on plant life seem to be fatter than before now. There isn't any caribou for a while now but the musk-oxen are fat now. They have been much fatter now for the last three (3) to four (4) years.

Philip Manik – RESOLUTE

I was born at a place called Aulativik near Pond Inlet in 1953.

We use to go to places close by, mainly seal hunting areas and polar bear hunting areas and in the earlier days when there was caribou at Somerset we would go caribou hunting. When I was a child I use to go seal hunting to places only close by, I would go with people to Somerset every once in a while. In my youth we started going to Somerset more often to either go fishing or caribou hunting. As I was reaching my adult life I have been hunting only to areas that are close by, such as Somerset Island, mainly Somerset Island and also to Prince of Wales Island. We resided at Prince of Wales Island for a while. Now that I am working I do not travel much.

The environment has changed. What is most noticeable is the dark season it is much brighter now. I can't exactly say when the change occurred but perhaps about five (5) years ago. My grandmother did not tell me if there was change in the environment or not so I don't know if there is change from the older days. It is definitely brighter now when the sun sets during the dark season and there would be ice floe for a while but because that has changed we cannot hunt by the ice floe much now. The change of the environment has to be followed by the hunters, they have no other choice. I go hunting every once in a while but I have to go according to the weather therefore I have to go along with the change of the environment.

The cold is still the same but in the summer it gets cooler sooner now and the summers are colder now. It is caused by it being cloudy a lot and because it rains a lot too now. Each year is different though, sometimes in some years it snows early and but sometimes it does not snow until much later. Summers are longer now and the snow melts sooner now sometimes. Sometimes it is warmer in the springtime now but the temperature is pretty well the same. I do not remember when it was really cold or warm but the change is gradual therefore I do not know exactly when the change occurred.

The rain has changed, this summer we had real rainfalls and it rained heavily. It never use to be that way, it would rain but not as much as it did this summer. Snow is never the same. Sometimes there will be a lot of snowfall and other times there will be hardly any snow. Sometimes it will be a while before we get any snow but this past winter there wasn't much snow. Last year, I mean, the year before we got a lot of snow.

Snowstorms, we get a lot of winds and this has not changed.

I have known it to thunder only once here when I was a child and I have not known it to thunder again.

The direction of the winds have changed. There use to be northerly winds but now we get more easterly winds. The northerly winds definitely do have changed because we now get more easterly winds.

Seems like we get longer summers now.

The ice still seems to be the same in the lakes. Our little lake here sometimes will melt or sometimes it won't melt all the way. Last year the ice melted and by the looks of it will not melt all the way this year.

I don't think the thickness of the lakes have changed, they are still just as thick as they use to be which is seven (7) feet, our fishing places. The thickness is still pretty well the same when we use to go fishing at Creswell Bay, it is still pretty well the same.

In the older days there would be an ice floe for a while but today once the ice starts going it all goes at once, there is ice floe only for a short time. Sometimes the ice goes right away. It is never the same each year. Last year and the year before the sea ice was thin. We use to be able to spend some time at the floe edge but today we cannot spend some time at the floe edge anymore because of ice leaving early. I don't think the permafrost have changed. When we were working we use to measure it to see how thick it is and it is still pretty well the same. As I stated earlier because it rains more now there are more marshy areas. I do not know if there is any erosion.

The snow that falls each year varies. Last year there wasn't much snow but the previous year before that had a lot of snow. I think that it remains pretty well the same.

There seems to be more current now and for that reason we cannot have our floe edge and the ice goes sooner now.

There are animals that are seen now that do not come regularly. We have seen animals that we have never seen before. Mainly birds I mean fowl, fowl that are now seen regularly do come here now.

We Inuit tend to follow changes but the weather doesn't seem to change much. There hasn't been much change to the fish. Our fishing places still seem to be the same.

I have never seen a new plant, a plant that have never been seen. There wasn't much vegetation here and areas where there weren't any plants there are plants now. I don't know if the changes that are happening to the environment are affecting the animals or not. It is hard to tell now where there was caribou there is more musk-ox now, the elders say that that is the custom.

We don't have big rivers close by but the lakes seem to be the same.

We use to get drinking water from anywhere but today with white people around now there are now regulations or things that we are not allowed to have now but I don't think the quality of water have changed.

Maybe it is too cold here and there is not that much vegetation therefore there isn't any fire that naturally burns.

Water quality has changed and we now eat more qallunaaq food.

We use to spend more time at the floe edge and that has definitely changed and the dark season has changed too as well. Today it does not get as dark as it use to, today we can see daylight all year round now. The daylight use to be really small in the older days during the dark season but today the daylight is very long now so the daylight is something that is so noticeable during the dark season.

Simeonie Amagoalik – RESOLUTE

I was born in 1933 on May 1st at Inukjuaq. It is called Inukjuaq but we use to live in camps although it was not exactly at Inukjuaq but near there, a place called Upingiviarjuk, I was a child there into my young age. We weren't relocated here until I was nineteen (19) years old. We did stay at that camp until we were relocated here to Resolute, it wasn't until that time that I left the camp. We moved here when I was nineteen (19) years old and have lived here since then.

It wasn't until I became an adult did I start noticing the climate change. I know that when the sun arises and sets, it sets at a later time now and it arises sooner than before and that was the thing that made me realize about the change.

I lived with my grandparents while I was a child and they said that the weather was not as good as it use to be.

The ice becoming thinner than it use to be seems to be affected the most by the climate change. Like I use to go egg hunting but now it is too dangerous to travel by the ice so I cannot go to the places that I use to go to. I think that it is mainly the ice on the sea that has affected me the most. I don't go egg hunting anymore and we would be able to cross to Somerset by ice. We use to be able to hunt whales and walrus in the spring because they were in front of our community. Now when the ice is going it all goes at the same time to the south of us. We would like to go hunting but the ice leaving early has been a problem now. The mammals are trying to go to the other side, passing by us. Now the mammals go to the other side right away without stopping here as they use to because all the ice goes now. They would have stayed around here if the ice did not go away all at once.

It is warmer than the time when we were relocated here. It is like that but right now when the weather warms up it gets cold suddenly and that is one of the changes too. In the older days when it got warm it would be warm for quite a number of days or weeks, it use to stay warm for quite a while. Also when it got colder it stayed cold long but right now seems like it will warm up but it will get warm probably for one day and then it gets cold already. And also it seems as if it will stay cold then it gets warm again, that is how it is now. That is how the climate change has affected the environment this whole year.

It is never the same, in July it snowed and covered the ground with snow and last year it snowed in August. It has been snowing not at the right time. It has been snowing in the middle of the summer and it even covers the ground.

Seems like the freezing of the lakes is still the same but the ice seems to be forming sooner. The ice on the lakes melt more now. The thickness of the lakes have not changed, the water has not changed but in the spring time it seems like it will be good water but the water is not clear as if it is muddy because of the flow from the land. When we make tea out of it, it becomes black tea now.

The sea ice still seems to be forming at the usual time but the ice goes sooner now. I mean it doesn't go sooner but the ice in the bays are starting to melt now by themselves, the ice use to get blown away from them. In the older days it use to take longer for the ice to go but the ice goes sooner now. The ice is thinner than before even people who are in tourism business who would like to pull

buildings on the ice through Lancaster Sound cannot do so for the last two (2) years, they cannot move the buildings because we have heard that the ice is too thin now. The floe edge in the winter is still the same. It's only in the spring that it is different as I stated before, I stated that all the ice goes now at once rather than having a floe edge for a while in the spring time. In the older days there use to be floe edge. The land has thawed out more than the time we came here. For the last two (2) years the rivers have been noticeable, they really use to flow when they started flowing but right now they don't flow much. I think that it is because of lack of snow on the land. I mean when it starts flowing part of the land always gets washed away and they are not noticeable but they do change. When there was enough snow when the rivers start flowing they'll start flowing elsewhere.

There is less snow now and also on the sea ice too as well.

I don't think the taste of snow has changed but there is less snow now on sea ice. It is more of a problem to travel on the sea ice when there is less snow.

There weren't any houseflies when we first moved here but right now there are houseflies, this seems to be one of the most noticeable changes.

The animals don't seem to be too affected by the climate change. It is the caribou that have been affected. There use to be caribou but right now there isn't any.

After the land is covered with snow it has been raining and then when it freezes the land gets covered with ice. This causes starvation.

The fish have not changed, they are still edible.

There was vegetation, not much but there was some. At one time there was hardly any moss but now there is more and we can see some plants growing.

The cold setting in the fall seems to affect the caribou and musk-oxen the most.

They are skinnier now. They don't like to be hunted when they are too skinny.

That part of the change has been affected.

There has never been any fire caused by nature, there has never been any fire on land.

There was thunder a long time ago. There hasn't been any thunder recently.

I have not heard of anybody getting sick from the animal meat that they ate.

As I stated earlier, the dark season that we get is now brighter than before, not by many days. The sun is up a little bit longer and it can be seen earlier than before after the dark season. That has been affected and also the very cold days are shorter than they use to be in the winter. In the summer you would think that it would be warmer because the sun is warmer but because of it being overcast pretty well all the time causes it not to be so warm. It is summer longer but it is not any warmer.

TONI MANIK- RESOLUTE

I was born at Creswell Bay, a place called Falls Straight, at the Bay of Fort Ross, on May 19th 1947. My name is Tony Manik.

When I was a child that is where I use to live but I went to the hospital when I was four (4) years old or perhaps five (5) years old. I stayed down south for five (5) years at that time.

I went home when I was eleven (11) years old and I did not leave my parents after that. We use to live at Creswell Bay and other places near Taloyoak. We use to live near Taloyoak, between Taloyoak and Resolute, that is where we use to live up to my teen years.

Just before I became twenty (20) we came here to Resolute perhaps in 1967 or 68. Ever since then I have stayed here. I do not recall of my childhood days or when I became a young person because everything just seem to remain the same, to me anyways.

I think that it was since 1980 that I started noticing the weather changing. When I started living here it didn't seem to be so windy from the east. In the 1980s the wind start blowing from that direction and even sometimes the winds were strong from that direction. I myself think that the winds come from that direction a lot. The wind did not seem noticeable coming from that direction.

I did not hear my parents talking about the change of the weather although they depended on natural weather forecasts than now. When the weather was good they would go hunting depending on the weather forecast, and if it was windy they would be hunting another animal.

I did not hear them talking about the change of the weather when I was a child or when I was a teenager. I am continuously working but I still go out hunting if and when I can.

The climate change has affected me. The cause of the climate change has caused a problem with our work. I work with the power company. Sometimes when it is windy it causes power failure when it causes damage to the power lines and that is how it has affected me workwise.

We make sure now that everything is securely fastened and make sure that they won't be damaged by the wind.

I don't notice as much if it is any warmer or not because even in the summer time it stays cool now. Even though it is cooler the summers are longer, this is the one thing that I do notice that although it is a little cooler and yet the summers are longer. We use to have hot summers and when the season is over fall arrived the snow started falling and the lakes would start freezing over, that is how it use to be. Right now it does not really get warm and yet it is summer but longer though. Even by October our bay does not freeze over and this is something that I really notice, although the summer is not warmer it is just longer. The winter also when fall use to arrive is almost like part of the summer now although the winter is still just as cold. Although spring arrives too it seems to stay colder longer. It is even still very cold by the end of March. Seems like the seasons have moved by a whole month.

Maybe when I was younger it did seem warmer in the spring time, it seemed less cloudy then. Also when it was clear it would be clear days at a time, that is how I seem to remember it. Right now it seems as though it is cloudy pretty well all the time. There are still sunny days but it seems to be cloudy more now in the spring and summer.

There seems to be marshy areas now and also although it doesn't rain it is usually quite misty, and although it is not misty it is usually foggy there seems to be more of that now. Seems like the nice hot days are over now.

We seem to be getting less snow now. It will snow heavily for a while in the fall but it does not snow at all in the winter. Also in May it does snow and that doesn't seem to change either but I do notice that it doesn't seem to get nice sunny warm days.

The land gets even covered with snow now in the summer time even in July, it didn't seem to be so in the former days.

We are getting our storms from the east more so now, seems like we use to get our storms from the north winds when I was a child will into my days as a young lad but today the storm is coming from that direction now.

I have known thunderstorms when I was a child when we use to live at our former camp in the spring. We could even still go dog teaming when it use to thunder

It does get windy from the easterly and when the winds get strong it comes from that direction. The winds use to come from north but now when wind comes from the east it is warmer and it brings bad weather.

I do not notice the fresh water lakes as I do the sea, they still do freeze over sooner then the sea, even sooner than the bay.

To make holes in the lakes, I still do that but today we use drills rather than chisels, we only use to use chisels in the older days. The lakes still seem just as thick as they use to be. The ice here in the lakes get quite thick, the lakes don't seem to be any thinner.

We choose old ice for drinking water because we now have piped water. There is non eroding supplement added to the water for the protection of the pipes and for that reason although the water is good drinking water but we Inuit like our like to use our own traditional things. For those reasons we prefer older ice for drinking water.

The ice on the sea is thinner now. Right now we get only new ice there may be old ice here and there but the ice is thinner than before. The floe edge have not changed, to me anyway, once the ice freezes over down to Griffith Island there is a floe edge for a while through there. But the Ice stops moving either in February or March. That still seems to be as it use to be the time when the ice stops moving after there was a floe edge.

I notice the melting of the snow too, it melts suddenly, the river will flow so much that it will start overflowing, I have seen this and also the rivers usually burst when they just start flowing. This did not happen this year, this time this didn't happen. They were slowly melting and seems like they didn't really flow and now the snow have melted.

Yes, the only time I started noticing this was when I came to Resolute that the rivers were flowing so much that they start overflowing. I have noticed this happening only once.

I think that our community gets less snow now. When we are travelling on the land the sleds runners do get damaged from gravel more now. Sometimes in some certain years there seems to be hardly any snow.

It doesn't seem to snow in the winter, it never seems to snow heavily in the winter. It seem to be snowing more and more now in the spring and fall now and that is how it is. It doesn't seem to much in January or February.

It hasn't change much but I do notice it but I think that the ice is very smooth now all the way to Somerset Island. It does seem to be smooth now although it never use to be like that. In one of the years, I can't quite remember which year it was for the two consecutive years it snowed and then it rained. For that reason we ran out of caribou. And because of that the caribou have definitely been affected. There is even no more caribou and even right now there doesn't seem to be any caribou because the caribou left this island. For sure this is caused by the change of the weather. Ever since then there hasn't been any caribou. I do not notice the insects perhaps it's because I am afraid of them so I don't notice them much. What is noticeable is that the bears that did not come here when I first moved here do come close by now and also go to the dumps. There are even some that do come to the community. They were not like that at one time. I personally think that it is because the ice does not form now when it use to, because of the water when bears should be roaming on the ice. They go by the beach and do come more so now than before because of lack of ice. As soon as there is ice the bears leave.

I do not notice the fowl, but there was one certain animal that is not seen here regularly, a wolverine was sighted. Ever since I have been living here this is the first time that I have heard of a wolverine that was seen close by our community. Also in the place where we use to live not too far from Taloyoak, back in 1964 or 65, there never use to be ground squirrels. We never sighted any ground squirrels while we were there. I go there in the summer time the place that never use to have ground squirrel now do have some. We do see ground squirrels there now and there never use to be any musk ox. It also has musk oxen now, part of the Taloyoak area.

The place that I go to, the fish there are bigger now than they use to be when we use to live there. The fish are much bigger and I did see a fish that was deformed, I don't know how it became deformed, it was a weak almost disabled fish. Part of the middle part of the body was bent but I did not study it nor get it. I did not notice the plants. The plants here and there but there doesn't seem to be any change in the plants.

I did not notice any noticeable change in the animal, I have not heard or seen any change of the animals.

The thing that I notice the most is that the summers seem to be longer but cooler and the animals that were available are not around here anymore mainly caribou close by. I came here when there didn't seem to be any rabbits, well...there were few rabbits but there is more and more rabbits here in the winter. There weren't

any ravens either when I first came here but right now the ravens stay here all the time now. Those are the most noticeable things that I have noticed.

Zipporah Ootooq Kalluk – RESOLUTE

I was born at Aulativik, perhaps sixty (60) miles from Pond Inlet on December 23, 1945. I was born there and when I was about eleven (11) or twelve (12) years old we were relocated from there and then I became a youth in Resolute Bay. We were relocated in 1959. I have lived here during my adult life.

There are some climate changes that I have noticed in our community here, yes. It has changed, it has really changed because it is hard to understand now. We were able to interpret what the weather was going to be like by the things that we see but this has really changed. I am not sure when the change occurred but I guess the people are really noticing it so I have been noticing it too. It wasn't until I was in my late teens that I noticed my parents talking about the weather. It is different for ladies but I grew up with people who went out hunting. My father and my brothers use to go out hunting, they use to stay out all the time and when I got married it was the same. I do know about the weather because I was hearing about it all the time from men. I, myself cannot change anything so I just follow with everybody because I cannot control the weather, it cannot be controlled so we have to follow whatever changes the weather brings.

Our community is warmer than the older days, more than the time when we first got relocated here. I know that it is warmer now, I do notice that. I cannot remember which year the change happened. There is a change, it is warmer. I do not know when it started getting warm.

I don't think there has been any change to the rain that we get, it rains every summer. Seems like there use to be more snow but we don't get that much snow anymore. I guess we get more snowstorms than before.

We don't get any thunder here. It is the wind that has changed the most, hunters usually say now that the wind is coming from that direction the weather will now get better or tomorrow the weather will get better but it is very hard to predict now. The hunters are confused now about the weather now. The change also is the direction of the wind, it has changed and this is also confusing for the hunters as well, the winds do not come their normal directions anymore.

I do not notice if the winters or summers are shorter or not.

Seems like it's a lot longer for the ice to go from lakes and rivers now. The sea ice use to be thicker but now it seems to be much thinner. I think that the ice on the sea is much thinner now. The quality of ice still seems to be the same but just thinner.

The permafrost I believe is different now, when we dig down. Seems like the gravel that has thawed out is thicker than the permafrost now. The ice that is on the land that never use to melt have melted a lot now, they are thinner now. We don't get as much as snow as we use to. The ice is thinner than how it use to be, there is less snow now in the sea to built igloos with. There is less snow now to make snow houses from. The amount of snow that covers the ice varies.

I do not know anything about the current, I have nothing to do with it.

There are various animals that never use to be seen here, there was a wolverine, a wolverine has now been sighted and the mosquitoes and large houseflies that weren't here are here now.

Some seals have terrible livers, foxes have rabies, those are long going diseases and are still like that and I don't think that has changed today.

I don't think the climate changes have affected us yet.

The fish were too noticeable this year up to three years. The fish have been going down to the sea from the lakes a lot earlier than usual or they went down to the sea late. This is what I heard, I only have heard about it I did not personally experience this.

For the last few years the plants that never use to grow here when we first relocated here are now growing, the beautiful plants are starting to grow now. I guess because it is warmer the plants are starting to grow and there are more insects now. To date the climate change doesn't seem to affect the animals that feed on vegetation, as far as I know. It does not affect people who go hunting. I honestly do not know if the rivers are deeper or not. The quality of the water is good.

Our community is not affected by natural fire because there is no natural fires here and think that this is directed for the south only.

I have not noticed at all the health has been affected by climate change.

Nobody has been affected by the quality of the water in our community.

What is noticeable is the temperature. In the older days when people use to be out on the land all the time they were out without sunglasses, they did not need sunglasses but today people get almost blind due to brightness of the sun.

People who did not need sunglasses now have to wear them there are still some people who do not wear sunglasses. People also get sores, their faces get sunburn even their bodies get burnt now if parts of their body were showing. I guess the heat from the sun is much hotter now, this is something that is strange.