

NUNAVUT



SMARTICE

UBLUIRVIA 2023
DECEMBER 2023

Qanurilningit nunagijaujumi
naunaijautit avataujumi
nalautaarninignik aturningit
ihariagijainiklu

Results of a community
survey on environmental
forecasting uses and needs

INUINNAQTUN UNALU QABLUNAAQTUN
INUINNAQTUN AND ENGLISH

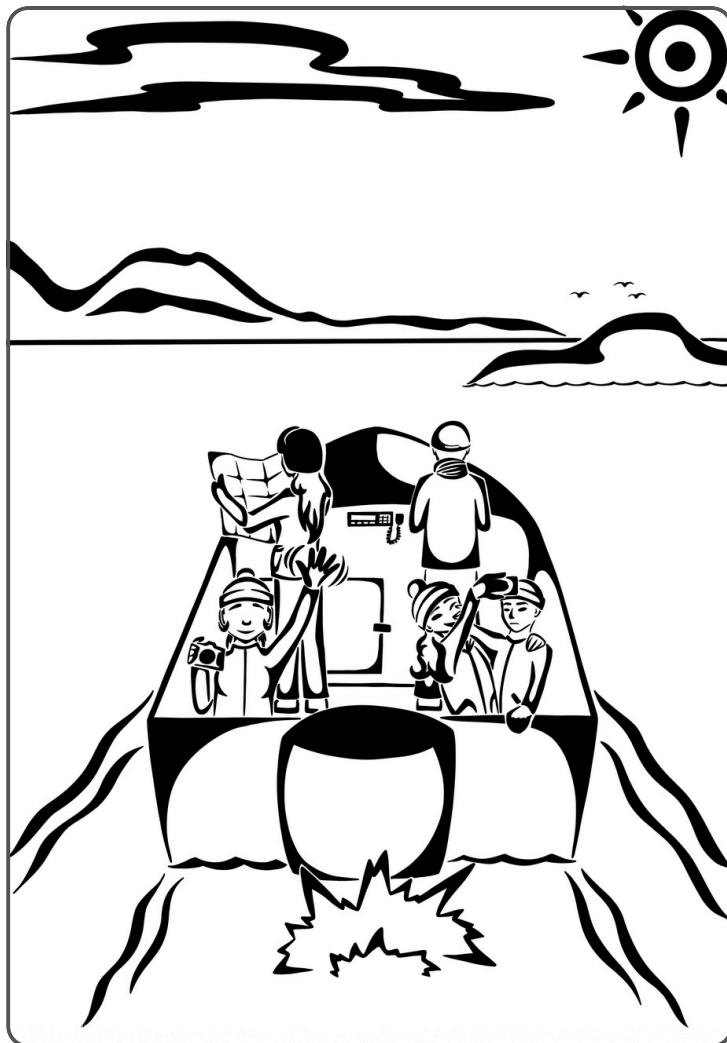
360

Nunavunmiut Ilaujut

Nunavummiut Participated



Piksa: Gita Ljubicic
Photo: Gita Ljubicic



Titirauyaqtaa: Jamesie Itulu
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Art work by: Rhoda Hiqiniq

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Aqquimavvik Society. Report available at:
<https://straightupnorth.ca/community-wwic-uses-and-needs/>.

Thank you!

Qujannamiik Matna Quana

Ilitarijumajaqqut una **360 Nunavunmiut** kitkut ilauyut uvani naunaijautainik qitqani
Ubluqtuhirvia 2020 unalu Tattiarnaqtuq 2022.

Quana tamaffi havakpakkamikik uqautigiplugitlu atuqpakhimajatik.

Arviat

Albina Kabvitok
Andrea Aliquot
Andrew Panigoniak SR
April Roxanne Anowtalik
Augaaj Karetak
Cecile Kinniksie
Christina Ahmak
Clayton Hallauk
Eden Owlijoot
Gary Ippiak
Gideon Kaslak
Gloria Isumatarjuak
Jason Ahmak
John Alikut
John Alikut
Joseph Kinniksie
Larry Issakiark
Leona Curley
Leonard Irksuk
Lucy Akammak
Mary Ann Halluak
Mike Curley
Nooks Lindell
Rene Aggark SR
Robert Johnson
Scottie Shamee
Seepa Katsuak
Sheila Kirkwa

Arviat (aulahimaaqtuq)

Thomas Aggark
Tommy Arviyut
Wendy Shamee
Tamar Mukyungnik
Willie Mukyungnik
Winnie Panigoniak

Iqaluktuuttiaq

Aaron Pedersen
Angulalik Pedersen
Brent Nakashook
Cathryn Epp
George Naikak Hakongak
Roland Emingak

Kangiqtugaapik

Gregory Joanas

Salliq

Bobby Eetuk
Elijah Kataluk
Gordon Nakoolak
Hattie Ottokie
Inuapik Ell
Lorna Ell
Lucassie Nakoolak
Saimonie Saviakjuk

Uqhuqtuq

Brent Puqiqnak
Caitlyn Porter
Charlene Porter
Devon Pauloosie
Enuk Pauloosie
Gail Putuguk
George Porter
John Aglukkaq
Kayla Carter
Keith Nimiqtuqtuq
Kenny Arqviq
Oliver Porter
Otto Ikkutisluk
Rita Porter
Roy Pootogok
Shanna Porter

Thank you!

Qujannamiik Matna Quana

We wish to acknowledge the **360 Nunavummiut** who participated in this survey between December 2019 and November 2022.

Thanks to everyone for their time and sharing their experiences.

Arviat

Albina Kabvitok
Andrea Aliquot
Andrew Panigoniak SR
April Roxanne Anowtalik
Augaaj Karetak
Cecile Kinniksie
Christina Ahmak
Clayton Hallauk
Eden Owlijoot
Gary Ippiak
Gideon Kaslak
Gloria Isumatarjuak
Jason Ahmak
John Alikut
John Alikut
Joseph Kinniksie
Larry Issakiark
Leona Curley
Leonard Irksuk
Lucy Akammak
Mary Ann Halluak
Mike Curley
Nooks Lindell
Rene Aggark SR
Robert Johnson
Scottie Shamee
Seepa Katsuak
Sheila Kirkwa

Arviat (continued)

Thomas Aggark
Tommy Arviyut
Wendy Shamee
Tamar Mukyungnik
Willie Mukyungnik
Winnie Panigoniak

Cambridge Bay

Aaron Pedersen
Angulalik Pedersen
Brent Nakashook
Cathryn Epp
George Naikak Hakongak
Roland Emingak

Clyde River

Gregory Joanas

Coral Harbour

Bobby Eetuk
Elijah Kataluk
Gordon Nakoolak
Hattie Ottokie
Inuapik Ell
Lorna Ell
Lucassie Nakoolak
Saimonie Saviakjuk

Gjoa Haven

Brent Puqiqnak
Caitlyn Porter
Charlene Porter
Devon Pauloosie
Enuk Pauloosie
Gail Putuguk
George Porter
John Aglukkaq
Kayla Carter
Keith Nimiqtatuaq
Kenny Arqviq
Oliver Porter
Otto Ikkutisluk
Rita Porter
Roy Pootogok
Shanna Porter

*Thank
you!*

Qujannamiik Matna Quana

AULAHIMAAQTUQ

Iqaluit

Andrew Maher
Blaine Heffernan
David Aglukark
Dion FitzPatrick
Glen Williams
Jason Akearok
Jason Aliqatuqtuq
Jason Sudlovenick
Jeremy Fraser
John Maurice
Jon Neely
Joseph Monteith
Jovan Simic
Laurie-Anne White
Levi Nowdluq
Luke Wilman
Lynn Peplinski
Mary-Lee Sandy-Aliyak
Michael DeMaio
Rhoda Ungalaq
Sean Qappik
Shamus Armstrong
Steve Pinksen
Tiivi Qiatsuk
Tony Lee
Torsten Diesel
William Flaherty

Mittimatalik

Brian Kasarnak
Christopher Mutch
Ivan Koonoo
James Simonee
John Ringrose
Jonathan Pitseolak
Simeonie Aksarjuk
Trevor Arreak
Tyson Angnetsiak

Sanikiluaq

Charlie Kudluarok
Davidee Kowcharlie
Eli Kavik
Emily Kattuk
Jack Uppik
Johnny Takatak
Josie Amituk
Lucassie Arragutainaq
Lucy Appaqaq
Niviasia Iqaluq
Samwillie Amagualik
Simieonie Uppik

Unalu **113 Nunavunmiut** kitkut apiqhivaktut
atirmingnik titiraqujingittutik



havaqatigiikhutik ihivriurniq ajuiqhaqatigiiktut uvani Paris,
Ontario (Hikutirvia 2022, piksa: Natalie Carter)

*Thank
you!*

Qujannamiik Matna Quana

CONTINUED

Iqaluit

Andrew Maher
Blaine Heffernan
David Aglukark
Dion FitzPatrick
Glen Williams
Jason Akearok
Jason Aliqatuqtuq
Jason Sudlovenick
Jeremy Fraser
John Maurice
Jon Neely
Joseph Monteith
Jovan Simic
Laurie-Anne White
Levi Nowdlug
Luke Wilman
Lynn Peplinski
Mary-Lee Sandy-Aliyak
Michael DeMaio
Rhoda Ungalaq
Sean Qappik
Shamus Armstrong
Steve Pinksen
Tiivi Qiatsuk
Tony Lee
Torsten Diesel
William Flaherty

Pond Inlet

Brian Kasarnak
Christopher Mutch
Ivan Koonoo
James Simonee
John Ringrose
Jonathan Pitseolak
Simeonie Aksarjuk
Trevor Arreak
Tyson Angnetsiak

Sanikiluaq

Charlie Kudluarok
Davidee Kowcharlie
Eli Kavik
Emily Kattuk
Jack Uppik
Johnny Takatak
Josie Amituk
Lucassie Arragutainaq
Lucy Appaqaq
Niviasia Iqalug
Samwillie Amagualik
Simieonie Uppik

And **113 Nunavummiut** who asked to remain anonymous.



Collaborative analysis workshop in Paris, Ontario
(November 2022, photo: Natalie Carter)

Qujannamiik
Matna Quana

Una havaakhaq maniliqtuqtauhimajuq ukunangga [Ukiuqtaqtumik Tukisiniagatigiit](#) (ArcticNet), [Hilaup Aadlangurninnganut Upalungaijarniq uumani Ukiuqtaqtumi Pinahuaruti](#) (CIRNAC), [Kanatami Qaujihainikkut Ikhivautalik](#) pinahuaruti, unalu [Avatiliqijitkut Hilaup Aalannguqtirninga Kanadami \(ECCC\) Nalunaqtunik Naunaijaidjutikhanik imaalu Qaritaujaliqinikkut Branch](#). Una havaakhaq angirutigaqhimajuq ilagijainik [Ukiunga Polar Prediction](#).



Crown-Indigenous Relations
and Northern Affairs Canada



**CANADA RESEARCH CHAIRS
CHAIRES DE RECHERCHE DU CANADA**



Environment and
Climate Change Canada

Pivakhimajugut anginirmik ikajuutikharnik talvanga qaujhainikkut havaqatigiiktut talvani [SmartICE](#), [Inuit Mitilimmiu \(Arctic Eider Society\)](#), [Ittaq Ittarnisalirini](#)
[ammalu Qaujisarnirmut Pilirivik](#), [Avatiliqijitkut Hilaup Aalannguqtirninga](#)
[Kanatami](#), [Carleton University](#), [Memorial University Newfoundland](#),
[unalulliharvikyuanga Ottawa](#)-mi. Qujagijumajaqqut [Arviani Aqqiumavik](#)
havaktiit nunaani Arviat ikajuutainun ihuaqhainirmun naunaijautimik
hulilukaarutikhainik tamainni Nunavunmi.



Carleton
UNIVERSITY



uOttawa



Environment and
Climate Change Canada

Thank
you!

Qujannamiik
Matna Quana

CONTINUED

This project was funded by [ArcticNet](#), the [Climate Change Preparedness in the North Program](#) (CIRNAC), the [Canada Research Chairs](#) program, and [Environment and Climate Change Canada \(ECCC\) Science and Technology Branch](#). This project was also endorsed as part of the [Year of Polar Prediction](#).



Crown-Indigenous Relations
and Northern Affairs Canada



CANADA RESEARCH CHAIRS
CHAIRES DE RECHERCHE DU CANADA



Environment and
Climate Change Canada

We received tremendous support from our research partners at [SmartICE](#), [Arctic Eider Society](#), [Ittaq Heritage and Research Centre](#), [Environment and Climate Change Canada](#), [Carleton University](#), [Memorial University of Newfoundland](#), and [University of Ottawa](#). We would especially like to thank [Aqqiumavik Society](#) staff in Arviat for their support in coordinating survey activities across Nunavut.

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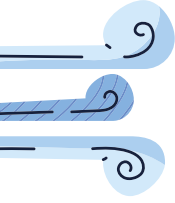
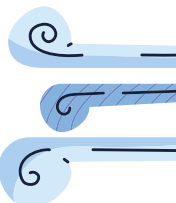


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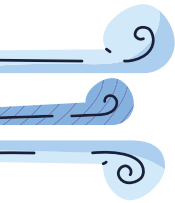
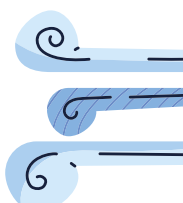


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TALVUUNA UNA HAVAAKHAKKUT

Qaujihainikkut havaqatigiiktut ilauyut Inuit, ukiuqtaqtumi, hivuraanilu

qaujihaijit havaqatigiiktut amigaituni ukiuni Nunavunmi nunallaani. Avatqumajuni ukiuni tuhaajugut Nunavunmiunit tapkua kivgaqtuutit tunihijut kangiqhidjutinik hilakkut, imakkut, uvalu hikukkut qanuriniit ajungnaingitut aturiangani, pijaarnikkut, uvaluuniin kangiqhidjutikhanik. Tuhaavaktugutlu tapkua naunaiqhittikhat ihuarluangittut nunallaani qanuriniinik. Una, ukualu hilarluktaaliqtuq atauttikkuqhivaliqhuni, uvalu aallanguqpaliqtut tariup hikua, ajungnaqhivitvaktuq uvalu qajangnaqhitiujug Nunavunmiunun anguniarnikkut uvalu aullaarnikkut qajangnaqhivaliqtuq. Havaktaqut una havaakhaq ajuirjumapluta qanuqtut Nunavunmiutat atuqpakhimajait avatiliqinikkut naunaitkutikhat ihumaliuriangani qajangnairutikharnik aullaarnirmik nunami (ilauyut imakkut hikukkutlu).

Tikinahuarutivut ikajuutikhat ihuaqhijuumirutikhat naunaitkutikhat hailijut,

uvalu qanuq tuhaqtitavaktut ukiuqtaqtumi nunallaani. Iniqtiriangani una tikinahuarut, havaktavut naunaijautit pijaangini kiudjutikhainik nunallaanin tamaini Nunavunmi. Naunaijautit apiqutit piliuqtavut havaqatigiikhuta ihumagijainik tamainin havaqatigiiktunut ilauyut, talvangalu avatiliqinikkut ikajuktiujut, Inuit timiqutingit, ukiuqtaqtumi kavamangit qaujhainikkutlu timiqutingit.

Havaqatigiiktugut maliqaplugit [Aajiiqatigingniq qaujihainikkut havauhikhat](#),

naunaiqtauhimajut ukunanga Arviani Aqqiumavvik havaqatigiplugit Inirnikhaat tamainnit Nunavunmit. Una havagut maliktakhait qanuq ihumaliurutigijavut, piliurnirmiklu angiqatigingnirmik qaujiharnikkut atuqtakhavut qanurinnitlu. Naunaijautit havaktauvaktut tapkunanga Nunalaani Qaujiharnikkut Tutqikhaijiit havakhimaaqtun nunamingni. Havaqatigiikhutalu malrungni havaqatigiiktukharnik naunaijautit ajuiqhaqatigiikhutik naunaijaangat naunaijautit naunairutingnik ihumaliurianganiklu naunaitunik tuhaqtitaujukhanik ikajuutikhanik tunihimaaqtunik Nunavunmi nunallani.

**Talvulluarli, qanuriniit una
havaakhaq ikajuutauniaqtuq
kivraqtuijunut ihumaliuqpaktunutlu
naunaiqhittiarlutik ihuatqijanik
nalaumajuniklu Nunavunmiunut,
ikajurlutik aanniqtailinikkut
aullaariangini.**



Havaqatigiingniikkut naunaijautit ajuiqhaqatigiiktut nunaani Arviat, Nunavut (Tattiarnaqtuq 2021, piksa: Gita Ljubicic)

ABOUT THIS PROJECT

Our research team includes Inuit, northern, and southern researchers who have worked together for many years in Nunavut communities. Over the years we have heard from Nunavummiut (people of Nunavut) that services providing information on weather, water, and ice conditions are not easy to use, access, or understand. We have also heard that the information is not always accurate for local conditions. This, along with increasingly unpredictable weather, and changing sea ice conditions, has made it harder and riskier for Nunavummiut to hunt and travel safely. We developed this project to learn how Nunavummiut are using environmental information to make decisions about safe travel on the land (including water and ice).

Our goal is to help improve the information that is available, and how it is communicated in northern communities. To accomplish this goal, we created a survey to get feedback from communities across Nunavut. Survey questions were developed together with input from all team members, as well as from environmental service providers, Inuit organizations, and northern governments and research organizations.

We work together according to the [Aajiiqatigiingniq research framework](#), outlined by the Aqqiumavvik Society working with Elders from across Nunavut. This framework guides how we make decisions, and build consensus on our research approach and results. Surveys were facilitated by Local Research Coordinators working in their home communities. We also worked together in two collaborative analysis workshops to interpret survey results and decide on key messages for service providers and for Nunavut communities.

Ultimately, we hope that the results of this project will help service providers and decision-makers make their information more relevant and accurate for Nunavummiut, in support of safe travel.



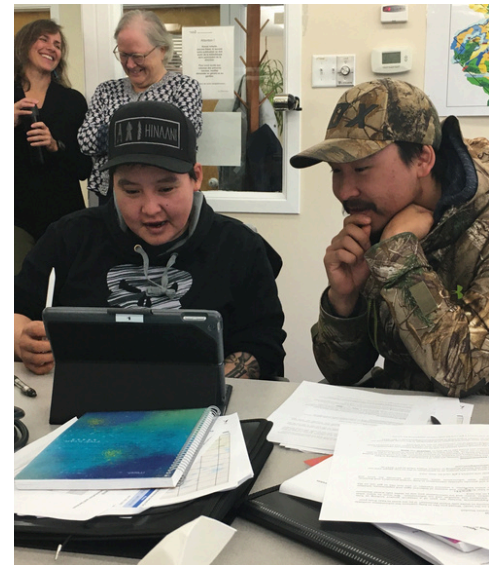
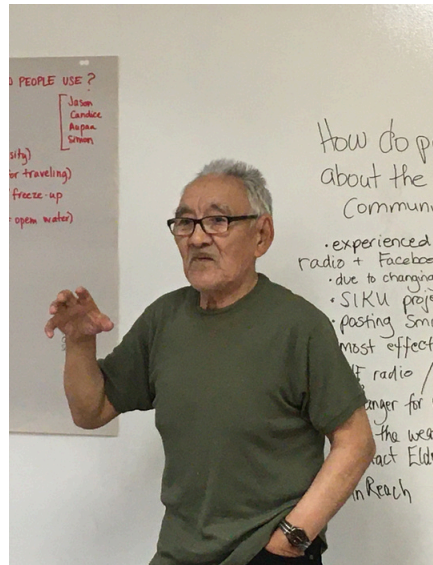
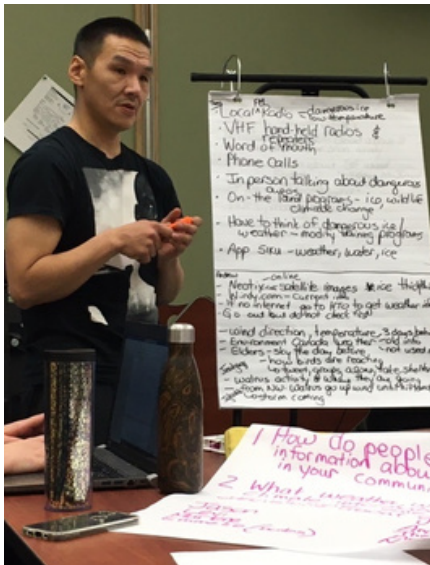
Collaborative analysis workshop in Arviat, Nunavut
(October 2021, photo: Gita Ljubicic)

HAVAQATIGIKTUT NUNALLAAT PARTNER COMMUNITIES

Havaakhaq ilauyut 8 nunallaani Nunavunmi: Arviat, Iqaluktuuttiaq, Kangiqtugaapik, Salliq, Uqhuqtuuq, Iqaluit, Mittimatalik, unalu Sanikiluaq.

Our project involved 8 communities in Nunavut: Arviat, Cambridge Bay, Clyde River, Coral Harbour, Gjoa Haven, Iqaluit, Pond Inlet, and Sanikiluaq.





Piksa/Photos:
Natalie Carter,
Gita Ljubicic



Ajuiqhautikharnik havaqatigiiktukharniklu ihivriudjutikharnik
ajuiqhautikharnik nunalaani ihivriudjutikharnik Tutqikhaijiingit,
Inirnikhat ajuiqhaijiit, havaaahangitlu iliaqatigiiktukharnik
talvuuna Tattiarnaqtuq 2019 unalu Ubluirvia 2022.

Training and collaborative analysis workshops with Local
Research Coordinators, Elder mentors, and project partners
between October 2019 and December 2022.

HAVAAKHALLUAT HULILUKAARUTIT (2018 – 2022)

Kiqlihaqaqtut	Hulilukaarutikhat
Ubluirvia 2018	chavaqatigiingniikkut havaakhat upalungaijaijut katimadjutaini uvani ArcticNet katimarjuarutaini Ottawa, Ontario
Ubluqtuhirvia – Hikutirvia 2019	(ilaublugit havaakhat tukhiutit havaqatigiiktut, Nunallaani Qaujiharnikkut Tutqikhaijiit, uvalu qaffit hilataani ihivriutit) (ilaublugit havaakhat tukhiutit havaqatigiiktut, Nunallaani Qaujiharnikkut Tutqikhaijiit, uvalu qaffit hilataani ihivriutit) - una pidjutaujuq naunaijainikkut apiqutit, tainikkut, uvalu atugakhait naunaittut, ihuaqtut, uvalu pijuminaqtunik Nunavunmiunut - naunaittiaqtumik qanuriit ihuatqijauniaqtut uvalu ihuatqijajumiklu qauihaijinun, ukiuqtaqturmiunut, uvalu maligakhaliuqtunut
Tattiarnaqtuq – Hikutirvia 2019	ilihaidjutikhangit katimadjutikharnik talvani Nunallaani Qaujiharnikkut Tutqikhaijiit haniani Montreal, Quebec uvanilu Iqaluit, Nunavut
Ubluirvia 2019 – Qiqailruq 2020	Nunallaani Ihivriuqhinikkut Tutqikhaijiit katimapkaijut naunaijaidjutikhanik nunamingni
Qiqailruq 2020	naunaijautit nutqaqtitaujut pidjutigibluq Qalarjuarniq-19 aanniarutirjuq (takulugu makpigaq 5 naunaiqhittiarumaguvit) - havaqatigiikhuta upalungaijautimik qajangnaitumik iniqtiriangani havaakhaq
Imaruqtirvia 2021	Nunallaani Qaujiharnikkut Tutqikhaijiit aullaqtitiffaaqpakhimajut naunaijautit katitirutikhat - una pijaaqtuq kinguani inungnun aanniaqtailinirmun uvalu qaujiharnikkut laisit/pijumanikkut pittailidjutit pipkaqtuq, uvalu nunamingni nunallaani katimajiit ikajuutait - Nunallaani Qaujiharnikkut Tutqikhaijiit maliktaillu ilangit hivuani ilauyut naunaittiarlugit kiudjutikhait
Tattiarnaqtuq 2021	Havaqatigiingniikkut naunaijautit ajuiqhaqatigiiktut nunaani Arviat, Nunavut
Hikutirvia 2022	Nunallaani Qaujiharnikkut Tutqikhaijiit nutqaqtitait aulapkaiplutik naunaijautingit nunamingni
Ubluirvia 2022	havaqatigiikhutik ihivriurniq ajuiqhaqatigiiktut uvani Paris, Ontario katimapkaijut ihuaqhaqhimajunik qanuriniit uvani ArcticNet katimarjuarutaani hamani Toronto, Ontario

KEY PROJECT ACTIVITIES (2018 – 2022)

Timeline	Activities
December 2018	• collaborative project planning meeting at ArcticNet conference in Ottawa, Ontario
January – November 2019	• collaborative survey development (involving our project proposal team, Local Research Coordinators, and a number of external reviewers) ◦ this led to survey questions, wording, and options that were much more clear, relevant, and accessible for Nunavummiut ◦ it also means results can be more meaningful and impactful to researchers, northerners, and policy-makers
October – November 2019	• training sessions with Local Research Coordinators near Montreal, Quebec and in Iqaluit, Nunavut
December 2019 – March 2020	• Local Research Coordinators facilitated surveys in their home communities
March 2020	• surveys put on hold due to the COVID-19 pandemic (see page 5 for more details) ◦ we started working together on a plan for how to safely continue the project
June 2021	• Local Research Coordinators restarted survey facilitation ◦ this could only happen after public health and research license/ethics restrictions allowed it, and with local community organizations' support ◦ Local Research Coordinators also followed up with some earlier participants to clarify answers
October 2021	• collaborative analysis workshop in Arviat, Nunavut
November 2022	• Local Research Coordinators stopped facilitating surveys in their home communities
December 2022	• collaborative analysis workshop in Paris, Ontario, • presentations of refined results at ArcticNet conference in Toronto, Ontario

NAUNAIJAUTIT INIQTAUVIKHAT ATUQNILUGU QALARJUARNIQ-19 AANNIARUTIRJUAQ

**IHUAQHAQTAUHIMAJUQ
ILIHARVIGJUANGIT
UNALU NUNAVUT
PITTIARUTAIT** maliklugit
inungnut aanniaqtailinikkut
maliktakhat unalu
havaarihimalugit
apiqqutaaujut

**HAVAKTAUFFAAQHIMAJUQ
QARITAUJAKKUT UVALU
INUNGNUN NAUNAIJAUTIT**
uvalu malikhugit tamaita
inungnun aanniaqtailinirmun
maligakhat

**HAVAKTAUFFAAQHIMAJUQ
QARITAUJAKKUT UVALU
INUNGNUN NAUNAIJAUTIT**
uvalu malikhugit tamaita
inungnun aanniaqtailinirmun
maligakhat

**Qiqailruq
2022**

**Qittiqqautijuaq -
Tattiarnaqtuaq
2020**

**Hikutirvia
2020**

**Imaruqtirvia
2021**

**Ubluqtuhinia
2022**

**Qiqailruq
2022**

**Hikutirvia
2022**

**NUTQARLUGU NAUNAIJAUT
KATITIRUTIKHANIK**

pidjutigiblugit iliharvigjuat
aullaaqtailiplutik uvalu
inungnun qaujihainirmik

**HAVAKTAUFFAAQHIMAJUQ
QARITAUJAKKUT**

**NAUNAIJAUT
KATITIRUTIKHAT ahiit
NUTQARLUGU NAUNAIJAUT
KATITIRUTIKHANIK**

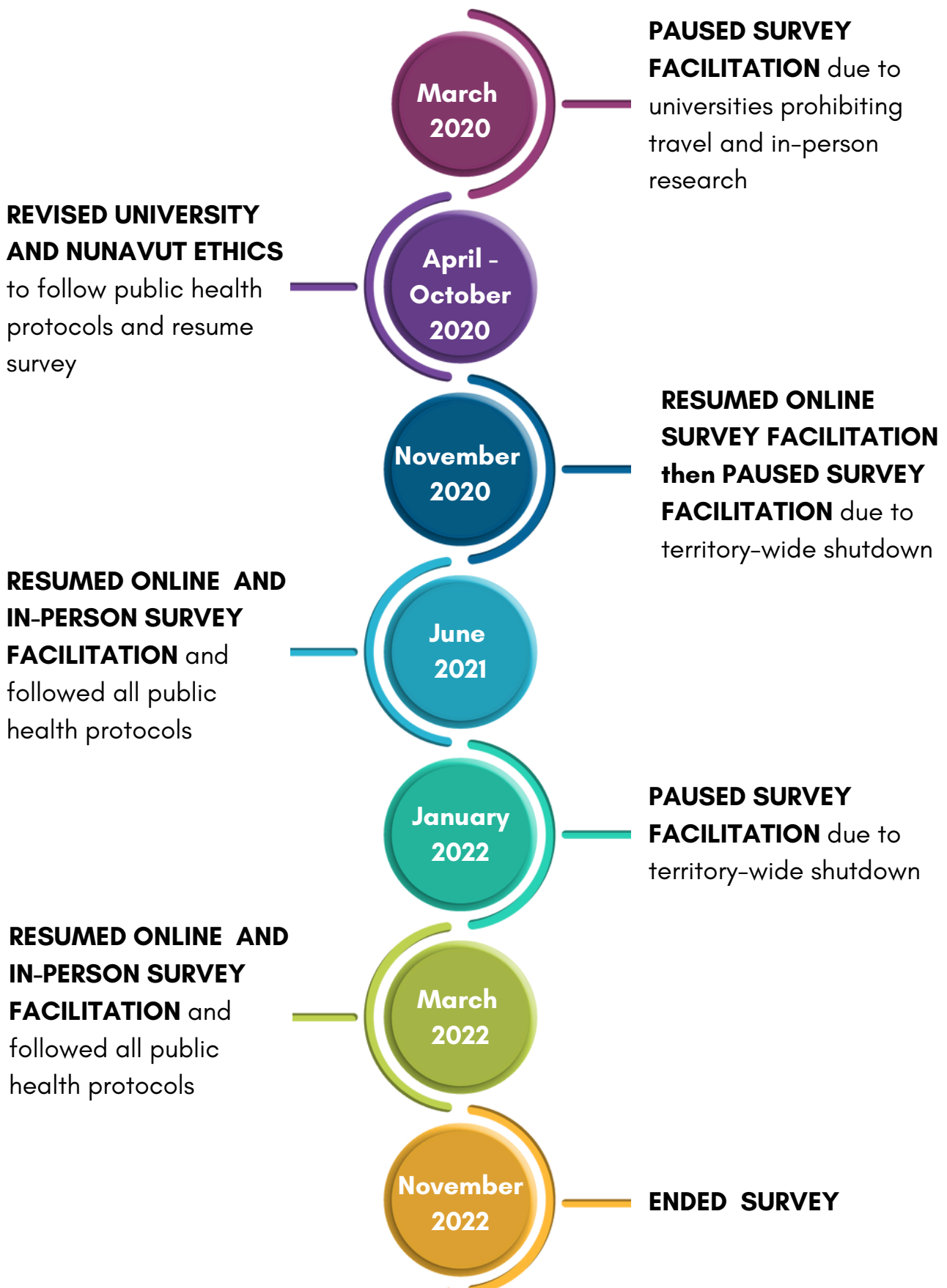
pidjutigiblugu
aviktuqhimajumi-tamainun
umikhimajut

**NUTQARLUGU NAUNAIJAUT
KATITIRUTIKHAT** pingmat

nunaptingni-tamaat
qamitpata

NUTQAQTUQ NAUNAIJAUT

SURVEY TIMELINE DURING THE COVID-19 PANDEMIC



NAUNAIJAINIKKUT KATIMAPKAINIKKUT TAPKUNANGA NUNALLAANI QAUJIHARNIKKUT TUTQIKHAIJIT

Atauttimut, **19 Nunallaani Qaujiharnikkut Tutqikhaijit** ilaungmata havauhikhami, unalu iniqhimajut **360 qaujihaijainiq** tamainnut **8 nunalingni** Nunavunmi.

Nunallaani Qaujiharnikkut Tutqikhaijit qaitqujait nunallaani ilautquplugit atuqhugit naunaitkutit maliktakhangit. Imalluaq, ajuirumajugut aturninnganik ihariagininninganiklu hilakkut, imakkut, hikumut, hilauplu naunaitkutait ikajuutingillu nunamingni ilauyut aullaqpauhiinik nunakkut (unalu imakkut hikumilu) kingullirni pingahuni ukiuni (talvanga 2017). Ukua ilauyut angutit angnallu tamainik ukiuqaqtut uvalu atuqhimajait aktilaangit, uvalu ajuittut anguniaqtit, hilaup aallangurniani aullaqpaktut, uvaluuniin Inuit kitkut aullaarumajut maniqqami.

Nunallaani Qaujiharnikkut Tutqikhaijit aulatitivakhimajut naunaiyainikkut

Qablunaaqtun uvaluuniit Inuktut ilauyut piumaluaqtainik. Atuqpakhimajut Qualtrics naunaijautinik qaritaujaliqidjutikhat iliurarlugit kiudjutinik hapkuunani iPads.

Aulatitivakhimajut naunaijautit nunallaani havagviani ilauyut aihimaviini, naunaiqtaujut inungnun ihuarijaujut qanuriniit. Ilangit ilauyut havaktat naunaijautinik inmingnik atuqhutik qaritaujakkut naujnaujaunmik qaritaujaliqutikkut, taima Qalarjuarniq-19 aanniarniq inungnut aannialiqtailitkhat pittailivauhiit atuqjautitlugit inungmut naunaijautit. ilauyut akiliqtauvaktut ikajuutainut. Pijavut qaujihainirmut ukpirijaujut uvalu laisikkut angirutait aulqtitinikkut naunaijautimik

Uumunga unniudjutimun, tunivaktavun qanuriliurutinik tunnganiqarluni qaujiharnikkut kiudjutinik atauttimut ukua 360 Nunavunmiut = 100%.

Naunaittiarmaguvit talvuuna unniudjunmik anginirmiklu naunaijautit hivajarlugu:

Shirley Tagalik, Arviani Aqqiumavvik, 204-218-0866, inukpaujaq@gmail.com

Natalie Carter, McMaster-mi Ilihaqvikyumi, carten7@mcmaster.ca

Gita Ljubicic, McMaster-mi Ilihaqvikyumi, gita.ljubicic@mcmaster.ca

Tijaangani Nunavunmi-tamainun unniudjutit, aalallu nunallaani unniudjutit, takulugu:

<https://straightupnorth.ca/community-wwic-uses-and-needs>

SURVEY FACILITATION BY LOCAL RESEARCH COORDINATORS

In total, **19 Local Research Coordinators** were involved in the project, and they completed **360 surveys** across **8 communities** in Nunavut.

Local Research Coordinators invited community members to participate based on certain criteria. Specifically, we wanted to learn about uses and needs of weather, water, ice, and climate information and services from community members who were actively travelling on the land (including water and ice) in the last three years (since 2017). This included men and women of all ages and experience levels, and they could be experienced hunters, seasonal travellers, or people who just like to get out on the land.

Local Research Coordinators facilitated the surveys in English or Inuktitut based on participant preference. They used Qualtrics survey software to enter responses on iPads. They facilitated the survey in a community office or in participants' homes, based on individual comfort level. Some participants did the survey on their own using an online survey link, when COVID-19 pandemic public health restrictions prevented in-person surveys. Participants were compensated for their time. We obtained research ethics and license approvals before we started the survey.

For this report, we present the results based on survey answers from a total of 360 Nunavummiut = 100%.



For more information about this report and the larger study please contact:

Shirley Tagalik, Aqqiumavvik Society, 204-218-0866, inukpaujaq@gmail.com

Natalie Carter, McMaster University, carten7@mcmaster.ca

Gita Ljubicic, McMaster University, gita.ljubicic@mcmaster.ca

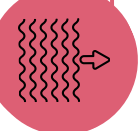
To access community reports, please visit:

<https://straightupnorth.ca/community-wwic-uses-and-needs/>

ТУҲАОТИАУЛЛУАОТУКҲАТ КИҲҒАОТУЈУНУТ

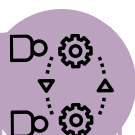
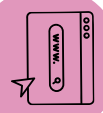
Uvani 2021 unalu 2022 havaqatigiingniikkut naunaijaunit katimaqjuarutit, Nunallaani Qaujiharnikkut Tutqikhajit havaktait tualunik tuhaqtidjutinik kivaqtuqtunun:

Tunilugit aallanik uilitrivikhanik naunaitkutikhat naunaiqtauhimajut nunallaanut



Hilarlungnikkut naunaitkutikhat (nutaanguqpallalugit)

Ikkiijumirutikharfik nampangit mapirniit najugaingitlu tikiutijaangat qaritajakkut avatliqinikkut hunavalungnik



Hilarlungnikkut naunaitkutikhat (nutaanguqpallalugit)

Ihagiagiyaayut hilahtit najugakhainik anguniarviit najugaini



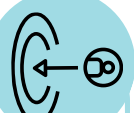
Angikijiumirlugu ikajuutikhat nunallaani pilirikhhat unalu hivuliqtuiniq



ТУҲАОТИАУЛЛУАОТ УКҲАТ КИҲҒАОТУЈУНУТ



Kajumiktumik akituvallangittuniku qaritajakkut (ihuaqhilugu akinga ikajuutingillu ukiuqtaqtumi InReach/SPOT titiraqtakhait)



Aulahimaadtumik havaklutik ihuarnikkut (kikiqaaqtut taiddutit uvalu naunaiqhijut anugikkut naunaitkutikhat), pidjutajut ukpiginikkut hunanik

Havaklugit itqungniarutit hunat tapkua ajungnaitut naunaiagianganani uvalu aturlugit



Angikijiumirlugu ilihmaniq uumimnga nunalaani ikajuutinik unalu pinahuarutit

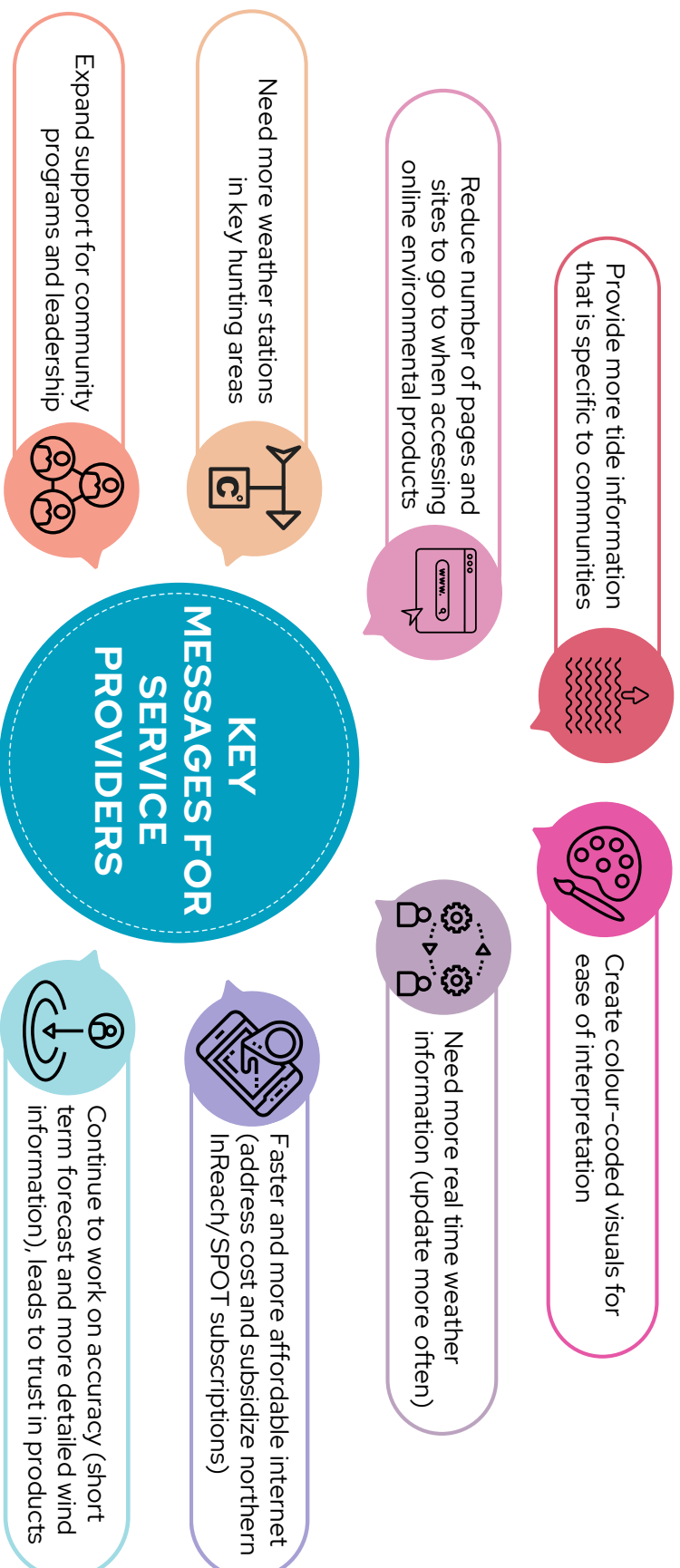
Angikijiumirlugu qaffiujun VHF havaqatit hivaiautillu napaqtait (ihuaqharlugu hivaiautik ikajuqtikhamingnik)



Pilugit hikup naunaitkutit uvalu qangatayukkut piksait ajungnaitunik atuagianani (ilaliutlugit atadjutait)

KEY MESSAGES FOR SERVICE PROVIDERS

At the 2021 and 2022 collaborative analysis workshops, Local Research Coordinators developed twelve key messages for service providers:



TUHAQTITAULLUAQTUKHAT NUNALLAANUT

Uvani 2022 havaqatigiingniikkut naunaijautit katimaqjuarutit, Nunallaani Qaujiharnikkut Tutqikhajit havaktait saivat tuhaqtidjutit nunallaanun timiqutaujunut:

Tuhaqtitaulluaqtukhat nunallaanut

**Pivallialutik ilihautikhangit piliriakhat
tikinnahuarlugit nunalingni
pijumajainnit** (haffuminngatut Nunatigut
ajuinningit, pitquhirijangit hivunikhangit,
qaritaujat, hanalrutit, nunaujaliurniq)



**Ilitugipkaijaangat pigiaqaqtunik
ajuiqhautikharnik ilihairutikharnik**
(tamaun nunalaani ilaujunik,
anguniaqtiujunik, anguniaqtiungituniklu)

**Piliurluni titiraqhimajut
aturninnga/pittaaqtut najugangit
unalu qaritaujat ikajuriami
nakuutqiamik ihumaliuriamingni
aullaariamingni.**



**Aulapkailugit titiqqangit
aturnaqtut nunalingni
avatikhangit**
(kinaliqaak ilihaqtut uvanngat)

**Uqautigilugit naunaitkutikhat
nunallaani mikhaagun avatikkut
qanuriniit uvalu hivuaqtut**



**Aullaaraiguvit
nakhaqpaklutit nallianik
ukua inReach unaluuniit
SPOT atugakhamik**

**Ilitugipkaijaangat qanuq
iliqatigiiktukharnik pijaangatlu
naunairutikharnik** (nunalaani nallautikkut,
CB/VHF qun'ngiararhat, naunaitunik
tuhaqtitihimaaqtunik havagviingit)



KEY MESSAGES FOR COMMUNITIES

At the 2022 collaborative analysis workshop, Local Research Coordinators developed seven key messages for community organizations:



KANGIQHIMABLUGIT QAFFIUNIIT UVANI UNNIUDJUTIMI

Pusauyuq

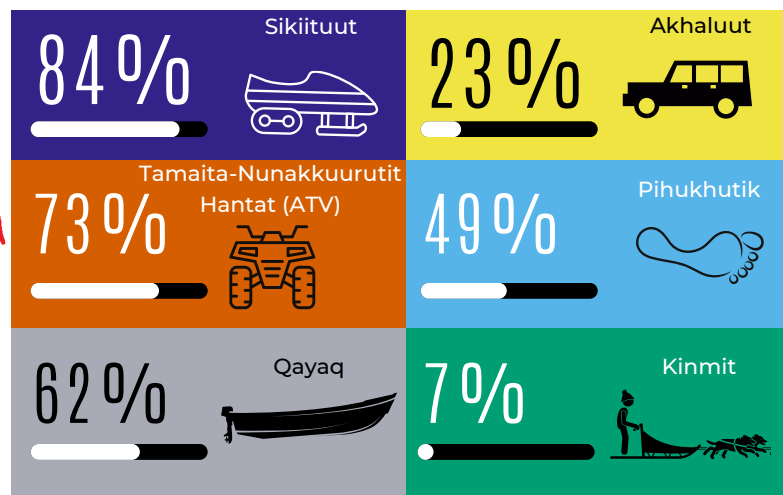
100% = 360 ilauyut

Amigainikhat naunaijaunmi qanuriliningit uvani unniudjunmi takuukhaujut imaatut % (pusauyuq) imaatut 100% tukiqaqtuq tamaita 360 ilauyut Nunavunmi iniqtiqtait naunaijautit

Ilaani ilauyut
naunaiqhivaktut
amigaitqijanik atauhirit
kiujutimik, atauttimut
ilangini nahautini
naajuittut uvunga 100%

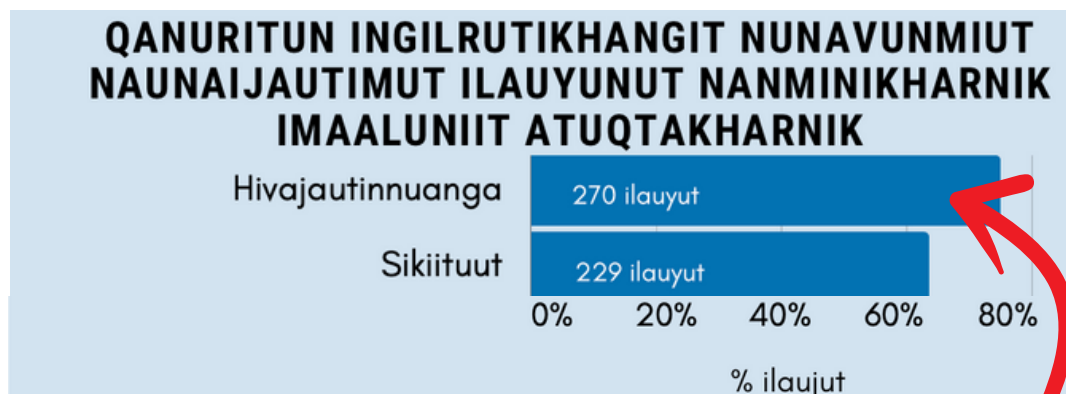
Uvani uuktuutigilugu
makpigaq 18, ilauyut
atuqtaaktut **aallatqiinik**
atuqtauvaktumik
aullaarutinik.

AALLATQIIKTUT AULLAARUTIGIVAKTAIT NAUNAIJAUTINUT ILAUYUT ATUQPAGAINIK AULLAARANGAMIK NUNAMUN



Kihitauyut

Kihitauyut = qaffiuniit ilauyut tunihiyut kiudjutinik



Ilangit titiqqat takunnaqtut qanuriniit **pusatingit** uvalu **kihitauyut** (qaffit) ilauyut kitkut tunihiyut kiudjutinik.

Una uuktuutigilugu **uvunga makpigaq 16**, tigumiat hivajautit nanminirijauyut atuqtaujuuluuniin imaa 75% ilauyunit (270 ilauyut).

UNDERSTANDING THE NUMBERS IN THIS REPORT

PERCENT

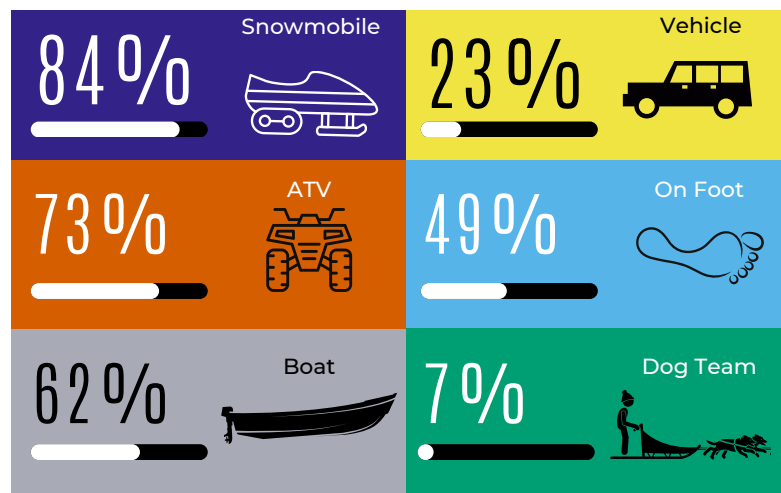
100% = all 360 participants

Most of the survey results in this report are shown as % (percent) where 100% means all 360 participants in Nunavut who completed the survey.

Sometimes participants could choose more than one answer, so totals in some figures don't add to 100%.

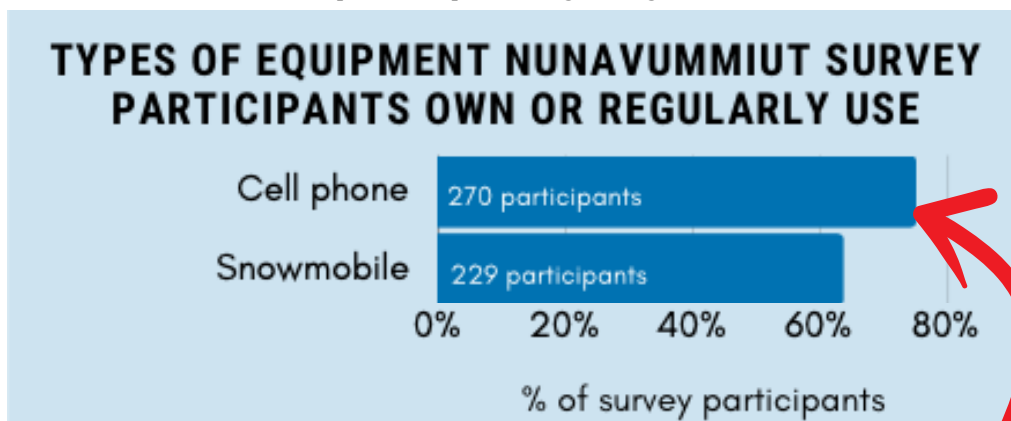
In this example **from page 18**, participants could choose **more than one method of transportation**.

METHODS OF TRANSPORTATION SURVEY PARTICIPANTS USE TO TRAVEL ON THE LAND



COUNTS

Count = the number of participants giving that answer



Some of the charts show the results in **percent** and the **count** (actual number) of participants who gave that answer. In this example **from page 16**, cell phones are owned or regularly used by 75% of participants (270 participants).

KANGIQHIMANINGIT NAHAUTIT UVANI UNNIUDJUNMI (AULAHIMAAQTUQ)

ILAUYUT

ilauyut = tamaita Inuit (tamaita 27 Inuit) havakhimajut uminga naunaijaunmik hamani Nunavumi.

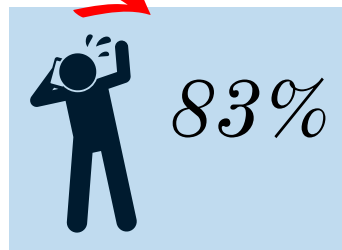
KIUVAKTUT

Kiuvaktut = tapkuanginait ilauyut kiuhimajut hapkuninga ilaliutihimajunik apiqhuutit

Piqagtut ilangit apiqutit uvani naunaijautini Inuit ilangita kiuhimangitait. ilauyut kitkut kiuhimajut "qingijut" apiqhuutimik imaaluuniit kiuhimaittumik tuglianik kihimi kiuhimajut aipaanun titirarviinun. Kihimi ilauyut kiuhimajut "angiqutut" aadjikutaanut apiqquutimik apirijauniaqtut ilanganik pidjuiaqatut talvannga apiqquutinik. Takupkaigaangapta qanuriniinik tukliinik apiqhuutinik, taiyaqquut hapkua ilauyut "**kiuvaktut**", taimaali tapkua kiuhimajut apiqhuutinik.

Una uuktuutigilugu **makpigaq 38**, 35% ilauyut uqaqtut "hii najugaqaqtut lqaluktuutiami humi Inuit katimayut uqautigilugu qanikkut aullaapauhiit qanurittakhainik".

UQARVIGIPLUGIT AALLAT IKAJUQTIKHAMINGNIK



Nunavunmiut **ilauyut** angilrangitpata uvaluuniin oyaqqurumik maniqqamiitutik, 83% (hapkunanga 360) hivayaqtaaqutut ikayuqtikhamingnik.

Hapkunanga 297 **kiuyunin** hivajaqtaaqutut ikajuqtikhamingnik, hivajarniaqtait **ilamingnik** (89%), unaluuniit **ilannamingnk** (59%), ilangitlu hivajarniaqtait **nunamingni qiniqhiajiit (SAR)** (46%) ikajuqtaujumajun.

Tapkuanginait ilauyut uqaqtut "Hii, hivayaqtaaqtunganga ikayuutikharnik", apiriyauvakhimayutin malikhautikharnik apiqutiik, "Kinamik, hivayarniaqqin ikayuutikharnik?" Una ikitun atuniituni ilauyut kiuhimajut kiudjutauninginik apiqquutauyut taiyauvaktut **kiujutiqaqtunik**. Amigainingit takuukhauyut kiuvaktut taapkunanga atauttimut kiuvaktut apiqquataujumik, atauttimungittut ilauyunit.

UNDERSTANDING THE NUMBERS IN THIS REPORT

(CONTINUED)

PARTICIPANTS

Participants = everyone (all 360 people) who did this survey in Nunavut

RESPONDENTS

Respondents = only the participants who answered follow-up questions

There are some questions in the survey that not everyone answered.

Participants who answered "no" to a question would skip to the next section.

But participants who answered "yes" to the same question would be asked some *related follow-up questions*. When we show the results to follow-up questions, we call this group of participants "**respondents**", because they were the ones who answered the question.

CONTACTING OTHERS FOR HELP

In this example from page 38, 83% of the participants said "yes I can call for help if I get stranded on the land".



If Nunavummiut **participants** get stranded or have an accident on the land, 83% (out of a total of 360) can call for help.

Of the 297 **respondents** who can call for help, most would call a **family member** (89%), or **friend** (59%), and some would call **local search and rescue (SAR)** (46%) for help.

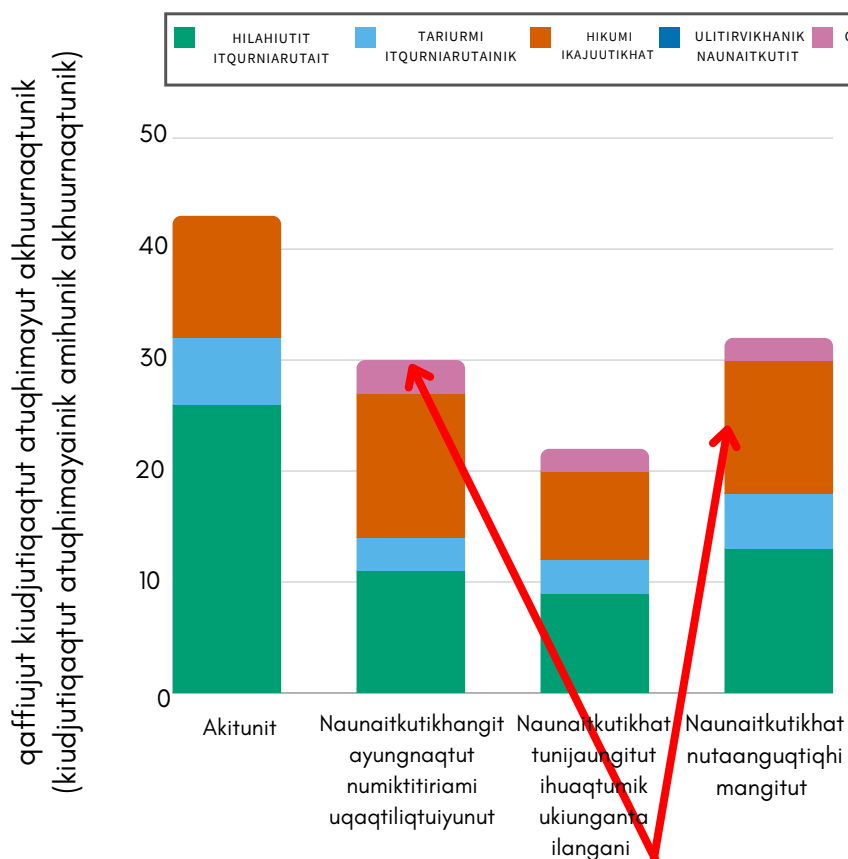
Only the participants who said "Yes, I can call for help", were asked the follow-up question, "Who, can you call for help?" This smaller group of participants who answered the follow-up question are called **respondents**. So the percent shown for respondents are out of the total who answered the question, and not the total of participants.

KANGIQHIMANINGIT NAHAUTIT UVANI UNNIUDJUNMI (AULAHIMAAQTUQ)

Kiuvaktut

Kiuvaktut = taapkuanginnait ilauyut atuqpakhimayut hilahiutinik itqurniarutinik

HUUQ AVATIKKUT ITQURNARUTAUJUT NAUNAITKUTAQ AJURNAQTUQ NUNAVUNMIUT KIUYUT PIINARIALAQIGIAMI



Ilangit ilauyut atungitait tamaita qanuriniit hilahiutit itqurniarutit naunaitkutit (imaa hilahiutit itqurniarutait, tariumi itqurniarutit, tariukkut itqurniarutit, hikukkut ikajuutit, tinilvikhanik ulitvikhanik naunaitkutit, Qangatayukkut piksait).

uuktuutigilugu uvanga **makpigaq 63**, kiuyut uqaqtut "Hii, Atuqpakhimajunga ayuqhautigivaktainik taima pijaangat hilahiutit itqurniarutait", 2 havakpakhimajainik ayuqhautigivaktainik taima akikhangit. Kiuyunit uqaqtut "Hii, atuqhimaguga ayuqhautinik hikukkut ikajuutinik", 12 atuqhimaguga ayuqhautinik kayumiitumik qaritaujaliqiyutinik ilaliutiniginik.

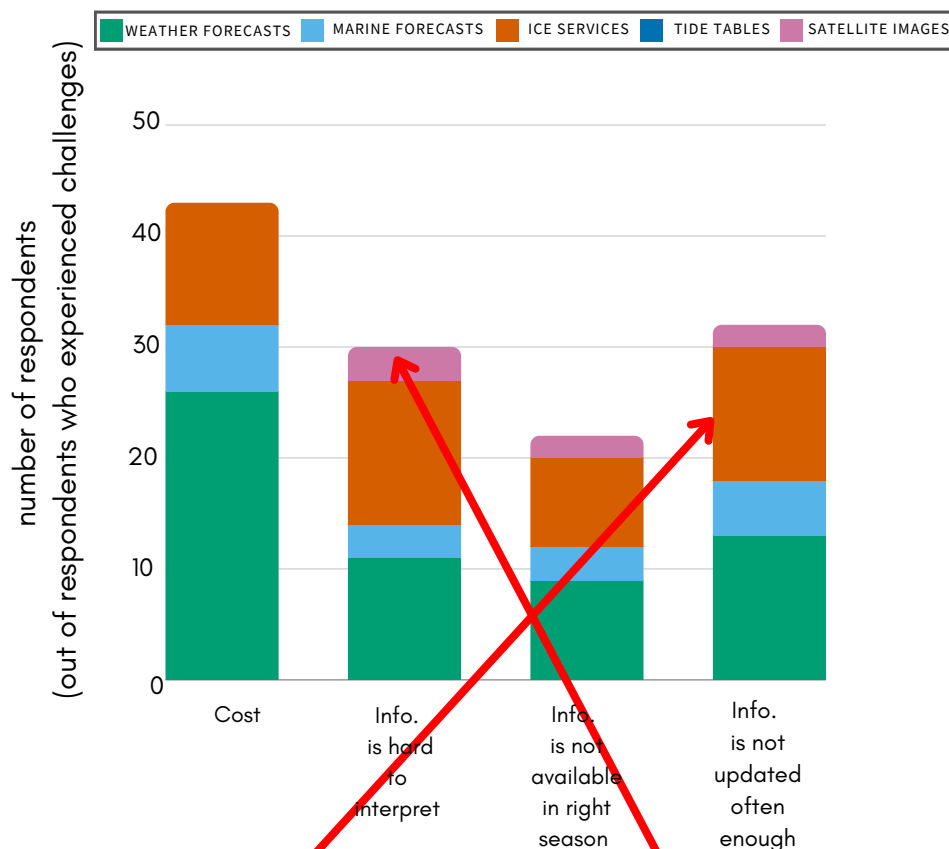
UNDERSTANDING THE NUMBERS IN THIS REPORT

(CONTINUED)

RESPONDENTS

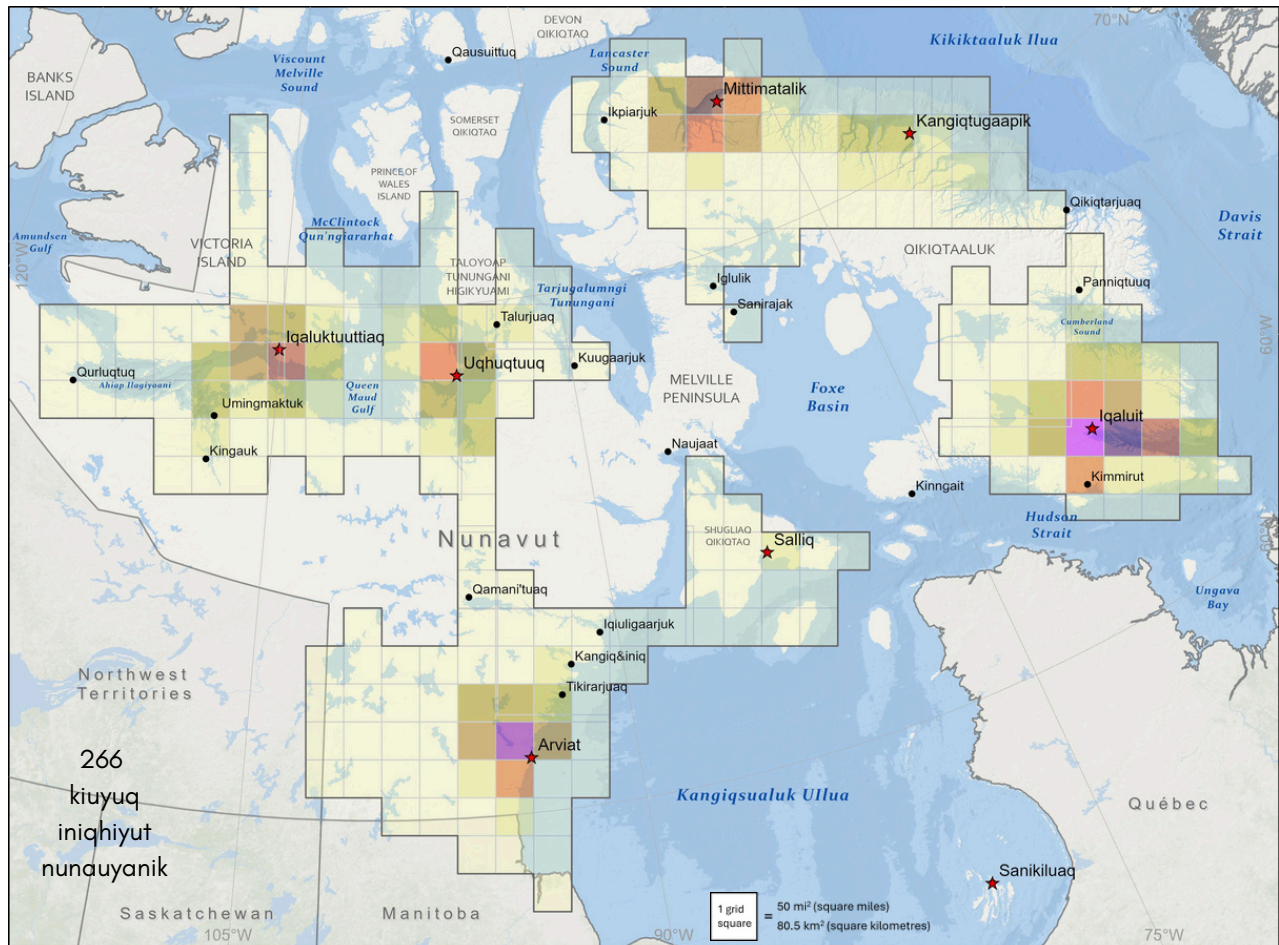
Respondents = only the participants who use forecasting products

REASONS WHY ENVIRONMENTAL FORECASTING INFORMATION IS DIFFICULT FOR NUNAVUMMIUT RESPONDENTS TO ACCESS



Some participants did not use every type of environmental forecasting information (i.e. weather forecasts, marine forecasts, ice services, tide tables, satellite images). In this example from **p. 63**, of the respondents who said "Yes, *I experience challenges when accessing satellite images*", 2 of them experience challenges because the information is hard to interpret. Of the respondents who said "Yes, *I experience challenges when accessing ice services*", 12 of them experience challenges because the information is not updated often enough.

KANGIQHIMAJAIT NUNAUJAT UVANI UNNIUDJUTIMI



Qaffiyyut kiuyut aullaagtut upaktauvaktunut nunanut

Nunauyat kalait unipkangitlu

Atuni kalaqaqtut qiuqutit nunauyani pidjutauyuq naunaitunik qaffiit kiuyut aulaghimayut nunanut, tamaitalu qanurittut aularutit atuqtauyut aulariamingni talvani (ilaa kiuyutiqaqtuq hhaavitaami ATV sikiituukulu, kiitauvaktut aulaghimangmata nunanut malruiqtuqhutik).

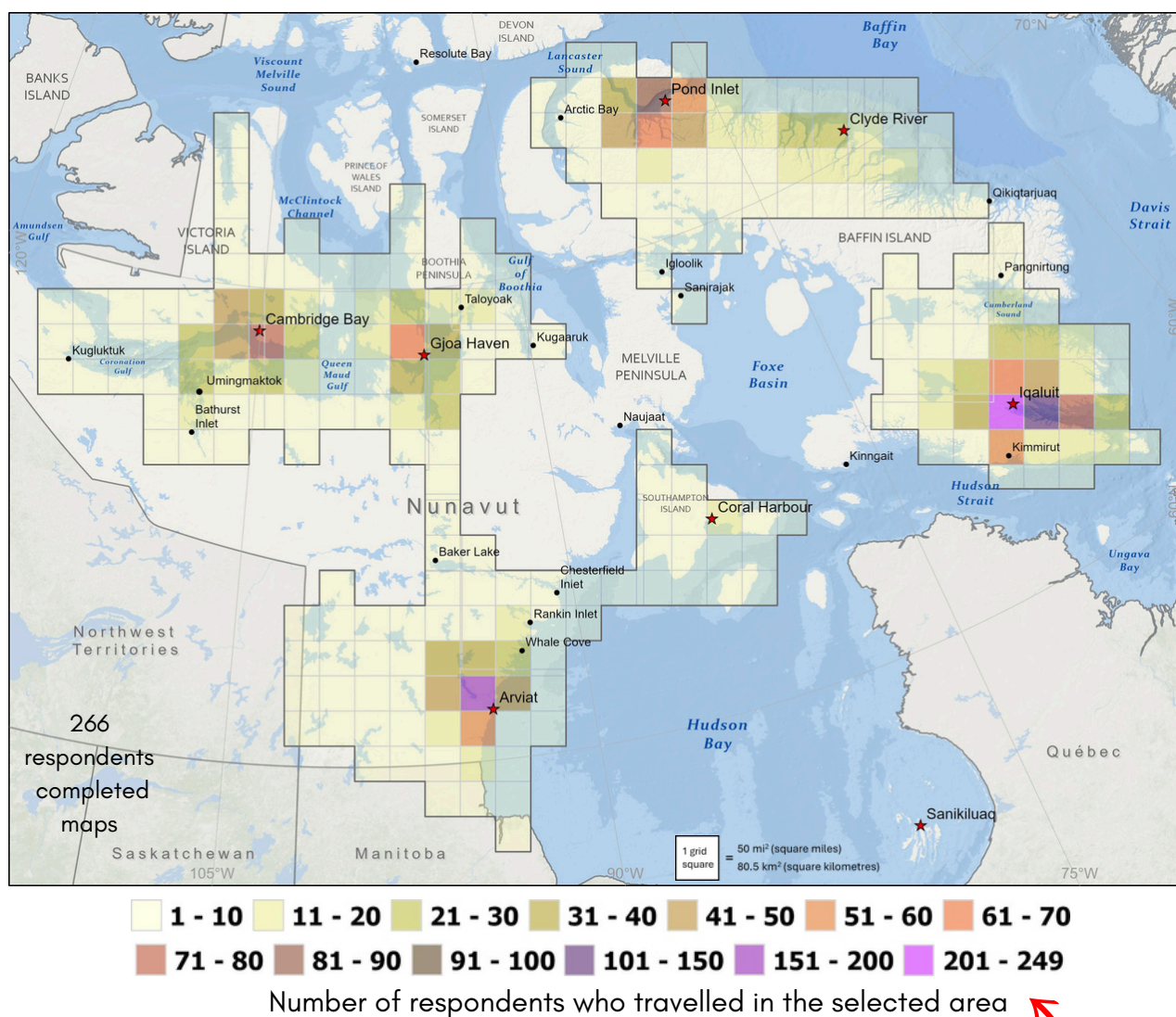
Taatqiyat/tarluangitut kalait = amigaitqiyat kiuyut talvani.

Tarluangitu kalait = ikiniqaqtun kiuvakhimayut talvani.

Kiuvaktut = ukuanginait ilauyut iniqhiyut nunauyamik

Ilangit ilauyut iniqhingitut aulariami nunauyanik (pidjutiqaqtunik nutauniqhanik ayuqhautauyunik aallaniklu pidjutauyunik). Takupkaqtituptigu nunauajt, taiyavut hapkuat katimayut "**kiuyut**", taimaa iniqtiqhimayait nunauyat

UNDERSTANDING THE MAPS IN THIS REPORT



MAP COLOURS AND LEGENDS

Each coloured box on the maps represents a certain number of respondents who travelled to that area, and all of the types of transportation they used to travel there (e.g. if a respondent went to an area by ATV and by snowmobile, it is counted as having travelled to the area twice).

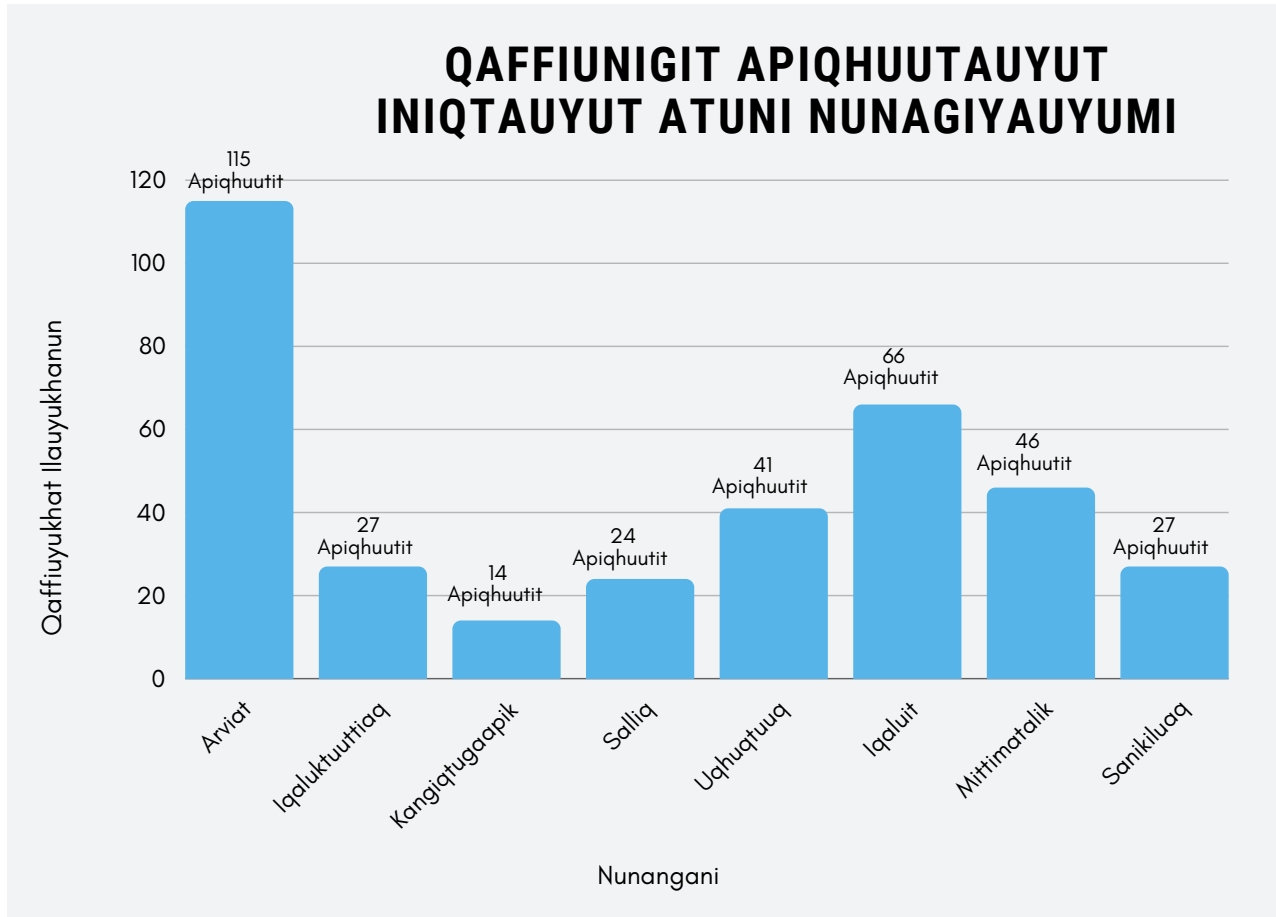
Darker/brighter colours = more respondents went there.

Lighter colours = less respondents went there.

Respondents = only the participants who completed maps

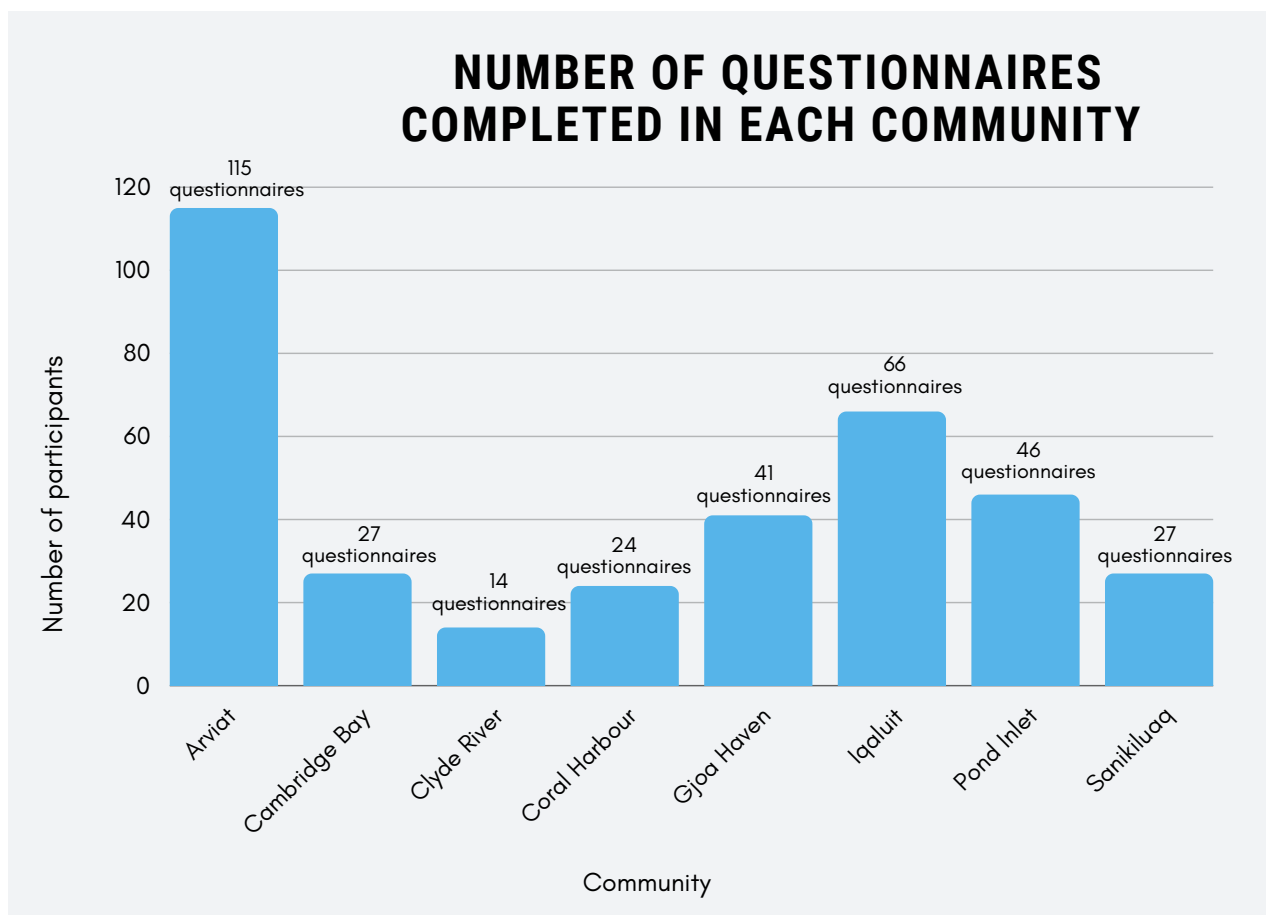
Some participants did not complete travel maps (due to technical issues and other reasons). When we show the maps, we call this group of participants "respondents", because they were the ones who completed maps.

NAITTUQ NUNAVUNMIUT ILAUYUT INUGIANGNIITIGUT



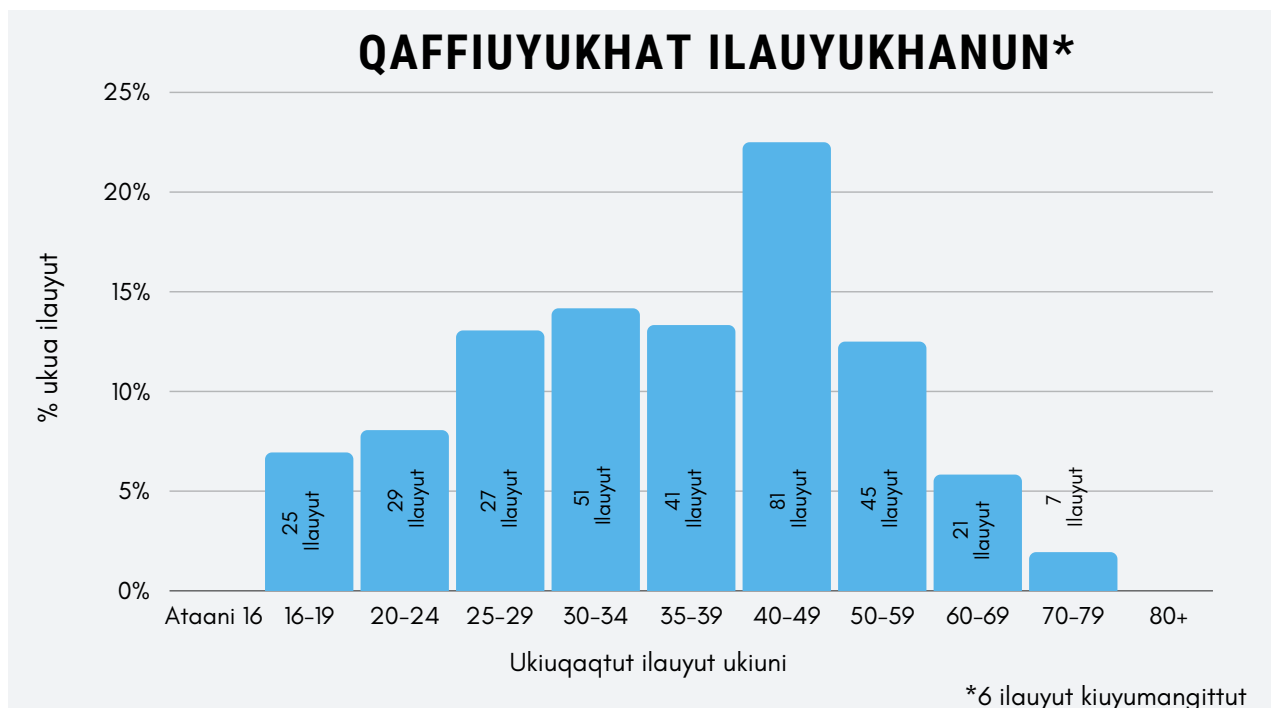
Amigainiqhat apiqhuutauyut iniqtauyut Arviani (115), kinguagut Iqalungni (66), Mittimatalingmi (46), Uqhuqtuumi (41). Tamangni Iqaluktuutiami Sanikiluarmilu, 27 apiqhuutit iniqtauyut. 24 Tuant-fua iniqhimayut Sallirmi, imaalu fuatiin 14 iniqtauhimayut Kangiqturaapingmi.

NUNAVUMMIUT SURVEY PARTICIPANT DEMOGRAPHICS



The highest number of questionnaires were completed in Arviat (115), followed by Iqaluit (66), Pond Inlet (46), and Gjoa Haven (41). In both Cambridge Bay and Sanikiluaq, 27 questionnaires were completed. Twenty four questionnaires were completed in Coral Harbour, and 14 were completed in Clyde River.

NAITTUQ NUNAVUNMIUT ILAUYUT INUGIANGNIITIGUT (AULAHIMAAQTUQ)



Naunaiyautinut ilauyut ukiuqaqtut talvanga 25 talvunga 69 ukiuqaqtut, taima anginirmik nappanga (24%) akkungangni 40-49 ukiuqaqtut. Kinaliqaak ataani ukiuqaqtut 25, imaaluuniit 70 ukiuqaqtut avatqumayullu, ilauyut naunaiyaqtauynut.



69%

ilauyut naunaiqtauynut angutauyut



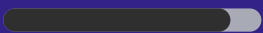
31%

ilauyut naunaiqtauynut arnauyut

Amigainiqhait ilauyut naunaiqtauynut angutit (69%), 31% naunaiqtauynut arnauyut.

88%

ilauyut naunaiqtauynut imaatut Nunaqaqqaaqhimayut inuk



94%

Nunaqaqqaaqtut kiuyut naunaiqtauynut imaatut Inuit

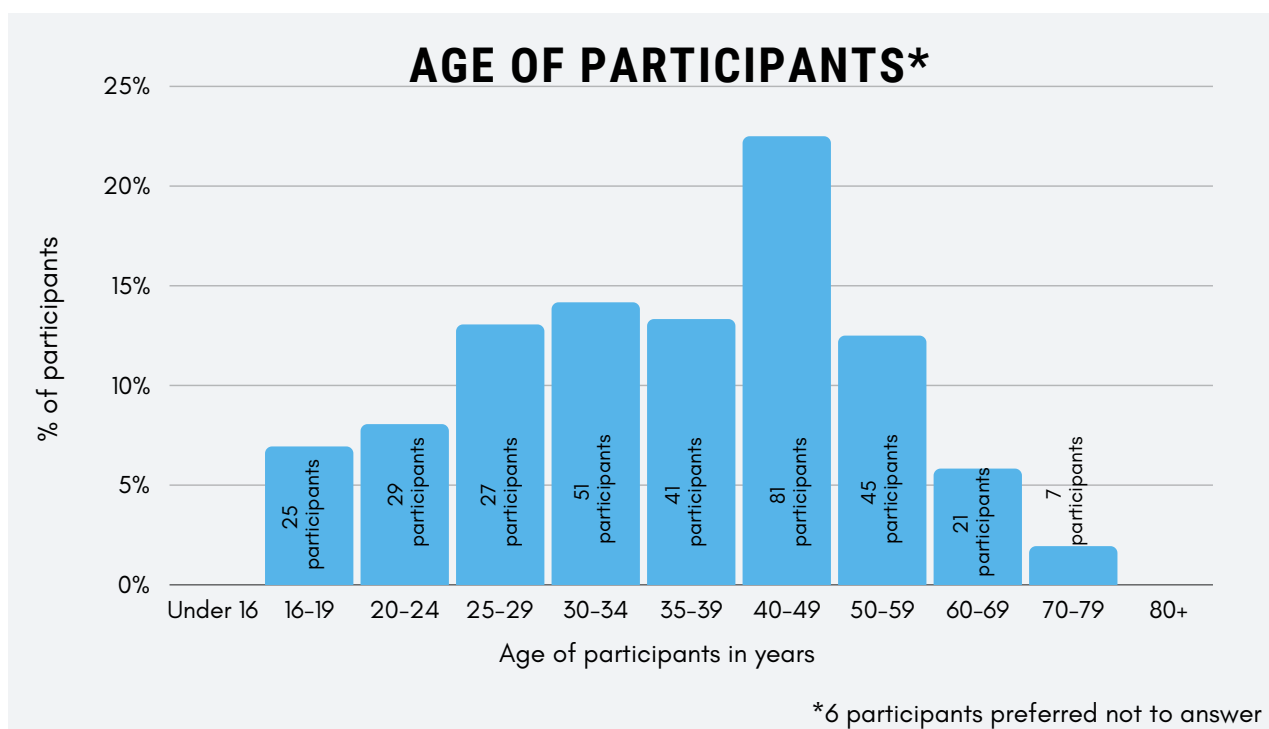


Tamaitavjak ilauyut naunaiqtauynut imaatut Nunaqaqqaaqhimayut inuk (88%), imaalu 94% tamaita ukua Nunaqaqqaaqhimayut kiudyutiqaqtut naunaiqtauhimayut imaatut Inuinnauyut.

NUNAVUMMIUT SURVEY

PARTICIPANT DEMOGRAPHICS

(CONTINUED)



Survey participants ranged in age from 16 to 79 years, with the highest proportion (23%) being between 40-49 years old. No one under 16 or over 80 years, participated in the survey.



69% of participants identify as male



31% of participants identify as female

Most participants identify as male (69%), and some identify as female (31%).

88%

of participants identify as an Indigenous person

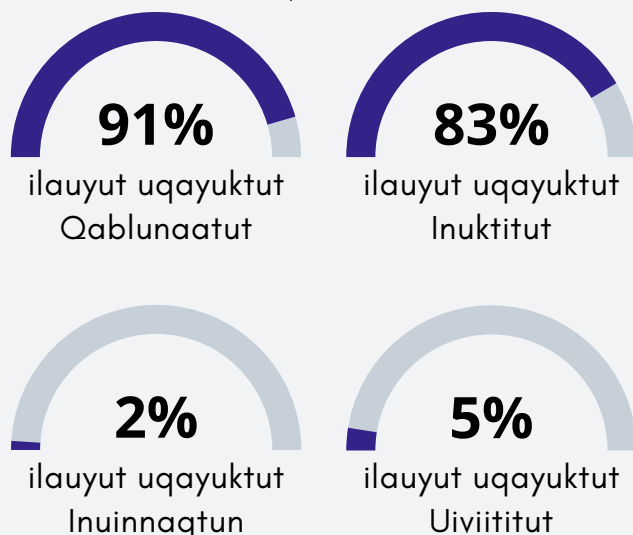
94%

of Indigenous respondents identify as Inuit

Nearly all participants identify as an Indigenous person (88%), and 94% of Indigenous respondents identified as Inuit.

NAITTUQ NUNAVUNMIUT ILAUYUT INUGIANGNIITIGUT (AULAHIMAAQTUQ)

UQAUHIUYUT ATUQTAUYUT*

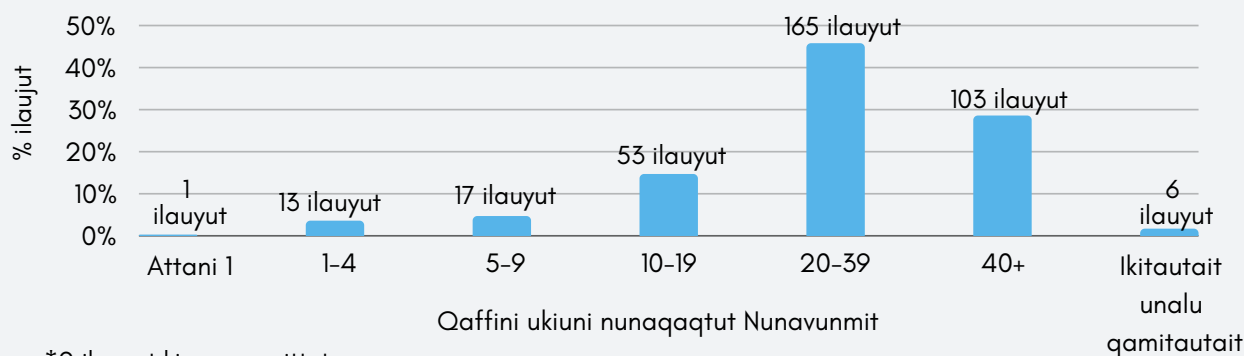


*Ilauyut titiqhittaaqtut amihunik uqauhirnik

Ilauyut apirijauyut kitunik
uqauhirnik uqayuktut.

Amihut ilauyut uqaqpaktut
Qablunaatitut (91%) unalu
Inuktitut (83%). Ikitut,
uqaqpaktut Inuinnaqtun (2%),
uvaluuniit Uivititut (5%). 1%
ilauyut uqaqtpaktut aallannik
uqauhiinik: Serbian, Russian,
uvaluuniin Spanish.

HIVITUNIANIK NAUNAIJAUTINUT ILAUYUT NUNAQAQHIMAYUT NUNAGIYAMINGNI*



*2 ilauyut kiuyumangittut

Amigainiqhait ilauyut (74%) nunaqaqtut Nunavunmi imaqtut 20
amigaitqiyani kluniit ukiuni.

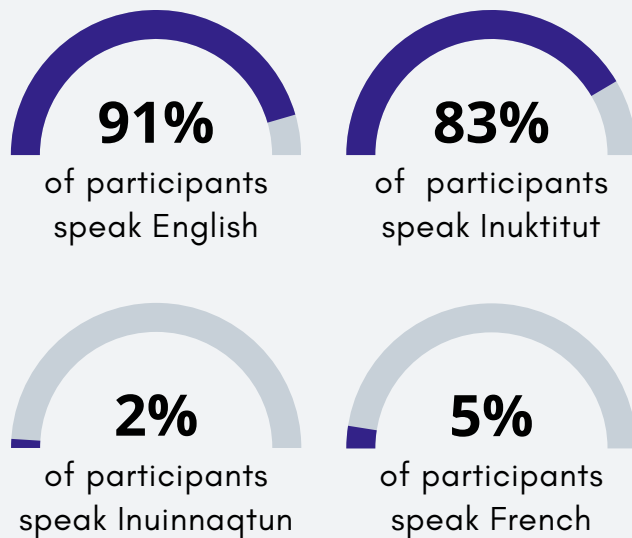
Anginiqaqtuq kangiqhiyangini qanuqtut hivituyumik ilauyut nunaqaqhimayut
Nunavunmi pidjutauyuq (taimaa naunaiqhimangittuq) qanuqtut atuqhimayatik
aullaarangamik nunakut, imakut, hikukutluuniit.

NUNAVUMMIUT SURVEY

PARTICIPANT DEMOGRAPHICS

(CONTINUED)

LANGUAGES SPOKEN*

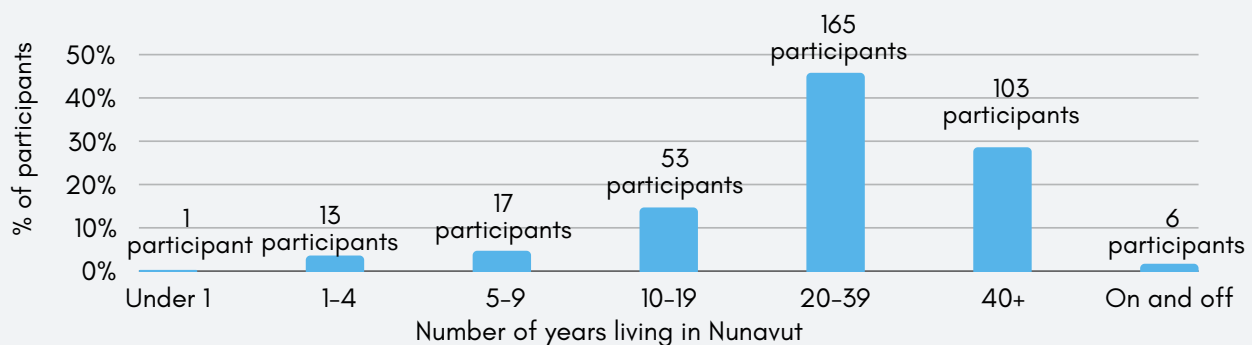


*Participants could choose multiple languages

Participants were asked about which languages they speak.

Most participants speak English (91%) and Inuktitut (83%). Very few, speak Inuinnaqtun (2%), or French (5%). 1% of participants speak other languages: Serbian, Russian, or Spanish.

LENGTH OF TIME SURVEY PARTICIPANTS HAVE LIVED IN THE COMMUNITY*



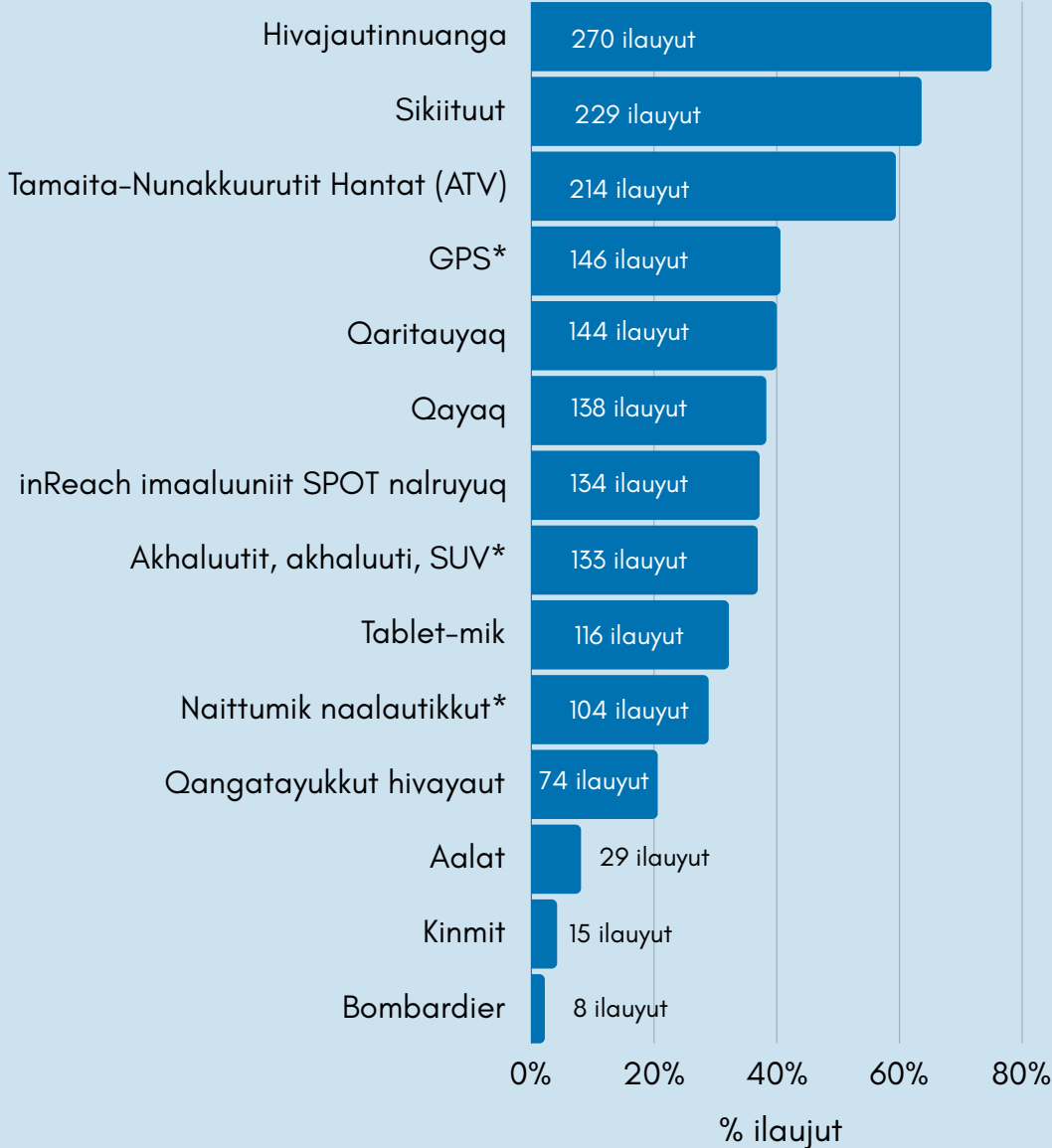
*2 participants preferred not to answer

Most participants (74%) have lived in Nunavut for 20 or more years.

It is important to understand how long participants have lived in Nunavut as this relates to (although does not necessarily determine) how much experience they have with travel on the land, water, or ice.

AULLAARUTAIT INGILRUTIT

QANURITUN INGILRUTIKHANGIT NUNAVUNMIUT NAUNAIJAUTIMUT ILAUYUNUT NANMINIKHARNIK IMAALUNIIT ATUQTAKHARNIK



* GPS: Nunaquyumi Humiiniganik Atuqtuq; SUV: Sport Atuqtalhaq Akhaluutit; SPOT: Qangatayukkut
Nanminik Naunaijaqti; Naittumik-hivuani naalautikkut Naunaijautigilugu CB, SBX, VHF



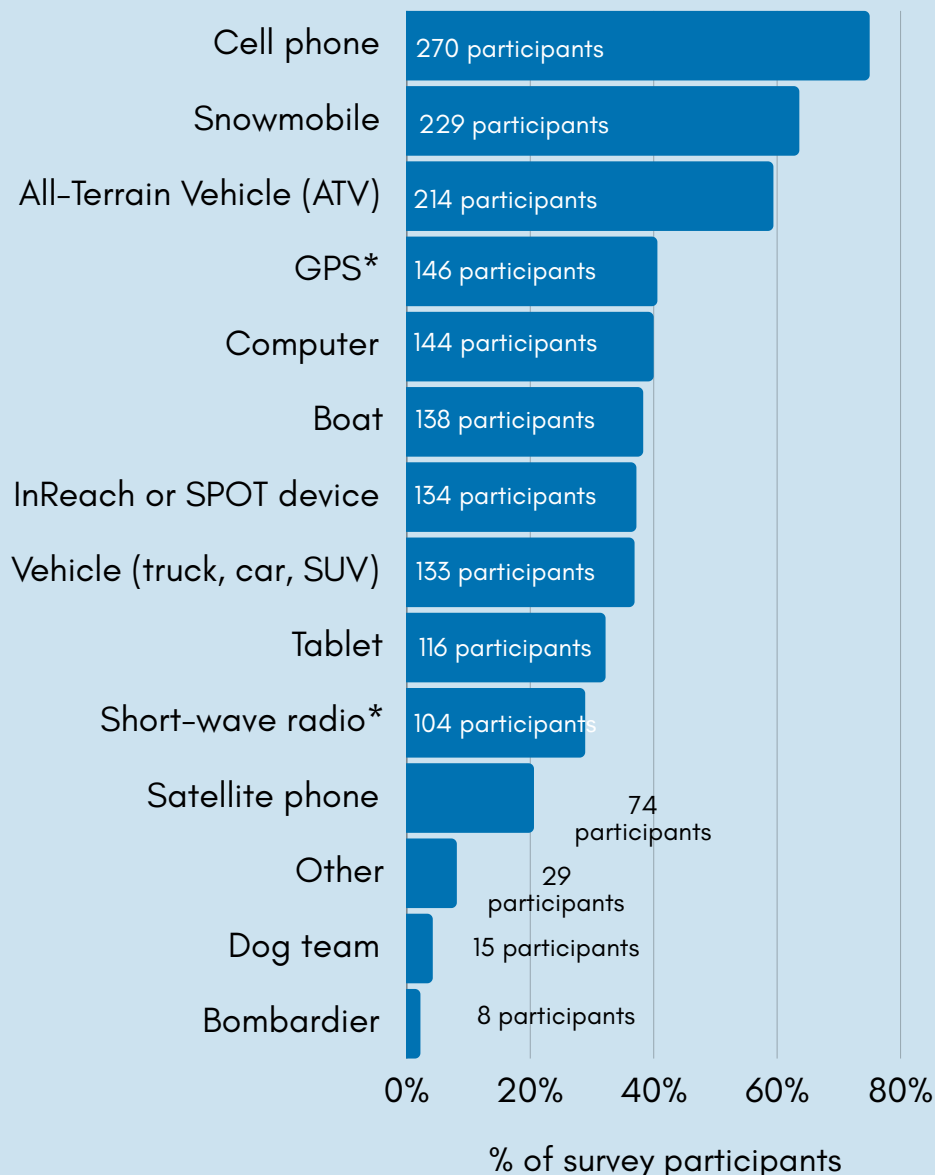
QAINNAT
AKTILAANGIT
IMAATUT
HAMANGA



Tigumiat hivayautit sikiituullu qanuriniit ingilrutit tamaitavyak nanminiriyait uvaluuniin atuqtauyut ilaulyunin, malikhugit ATVs. Ilauyut kiuhimayut "Aallat" atuqhutik iqalukhiutunik paqittdjutikhamik (Humminbird), nunauyat, mikiyut-haniriiktunik Ikhivautiqaqtut, scooter, itinianiik nivyaarutit/plotter, radar, sonar, Zoleo, imaalu kanaamingnik. Qainnat aktilaqaqtut aallatqiinik hamanga 14 hamunga 45 itigait. Hapkuat aturluaqtauvaktut 16 foot qainnat (10 kiuyut), maliktauyut ukuat 20 foot, 22 foot, uvalu 24 foot qainnat (6 kiuyut atauttit). Ikitqiyaayut inuit nanminiqaaqtut qayamingnik, kihimi amigaitqiyaayut inuit nanminiqaaqtut Sikiitiiqaqtut imaalu Hanaqaqtut, pidjutigiplugu, qainnat ingniqutingitlu akitutqiyaungmata niuviriami, ihuaqhaqattarianginilu ahirrurangata, imaalu aulaninginiklu.

TRAVEL EQUIPMENT

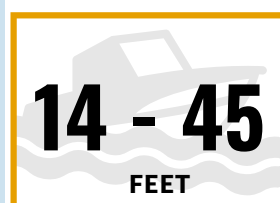
TYPES OF EQUIPMENT NUNAVUMMIUT SURVEY PARTICIPANTS OWN OR REGULARLY USE



* GPS: Global Positioning System; SUV: Sport Utility Vehicle; SPOT: Satellite Personal Tracker; Short-wave radio: CB, HF(SBX), VHF

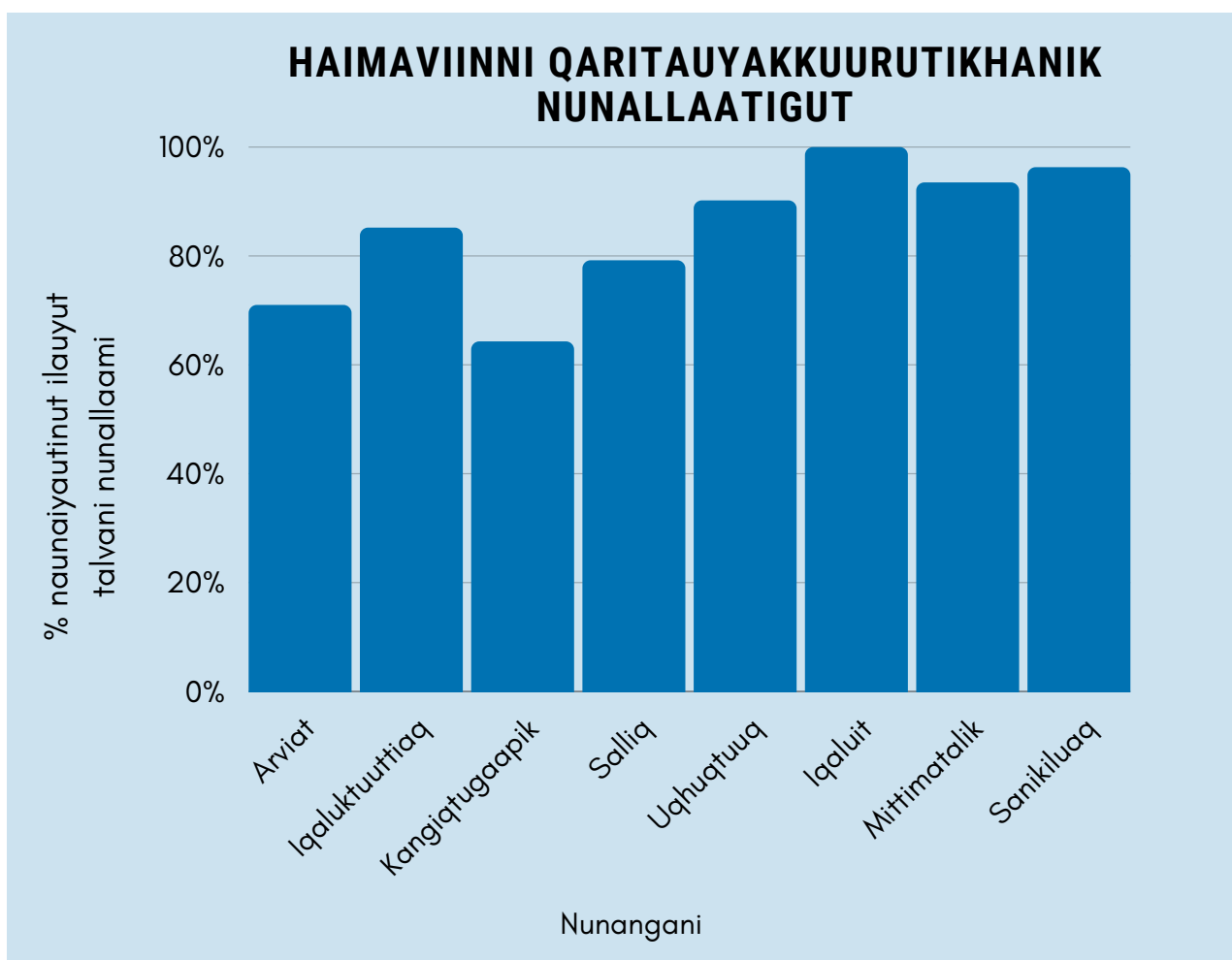


BOAT SIZES
RANGED FROM



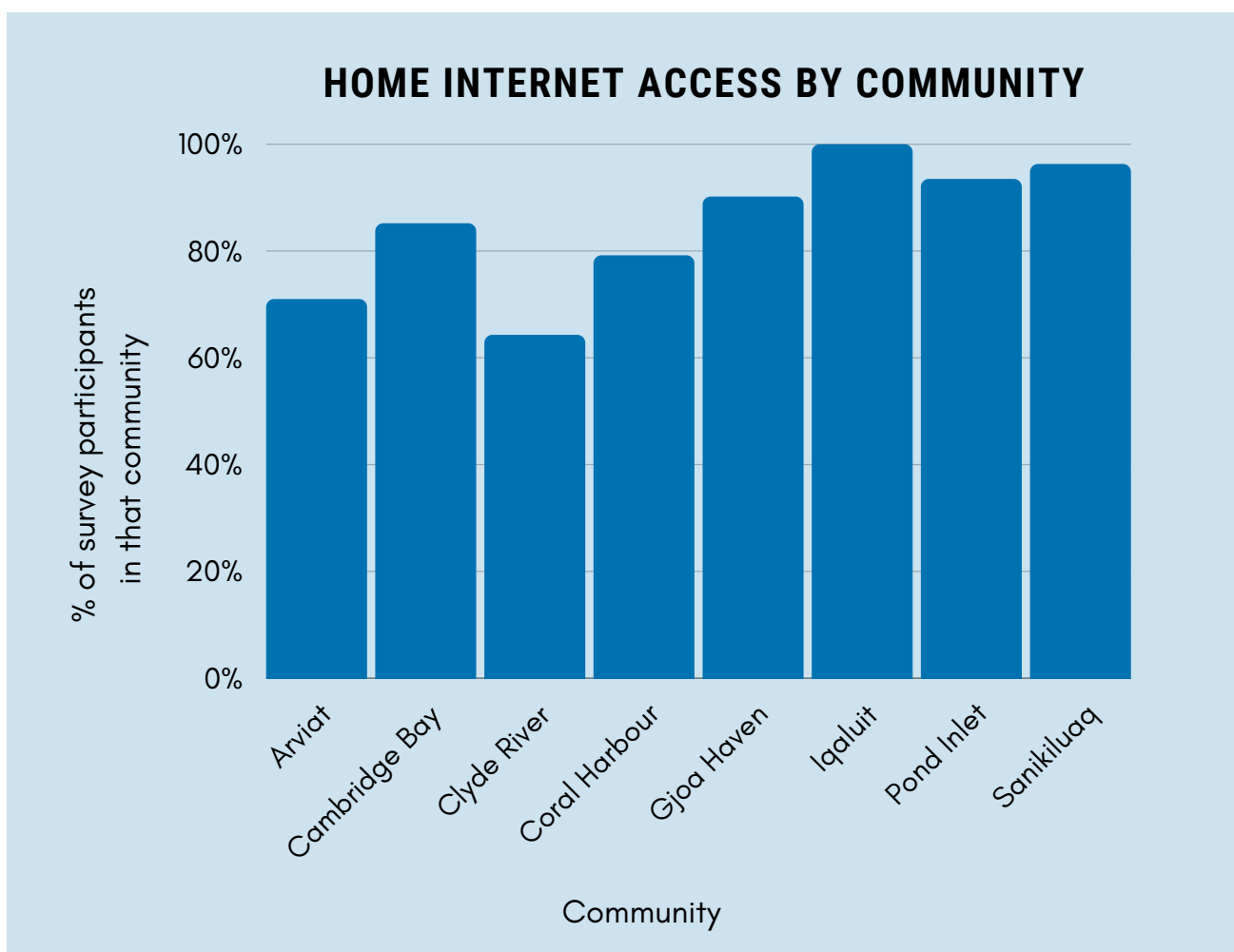
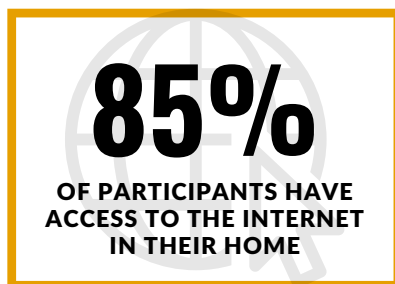
Cell phones and snowmobiles are the types of equipment most often owned or regularly used by participants, followed by ATVs. Participants who answered "Other" use a fish finder (Humminbird), maps, mini-side-by-side, scooter, depth sounder/plotter, radar, sonar, Zoleo, and their legs. Boat sizes ranged from 14 to 45 feet. Most common were 16 foot boats (10 respondents), followed by 20 foot, 22 foot, and 24 foot boats (6 respondents each). Fewer participants own boats, compared to Snowmobiles, and ATVs, because boats are more expensive to buy, maintain, and operate.

QARITAUJAKKUT IKIAKKUURUT ATUNIA



Amigainiqhat (85%) ilauyut atulaaqtut qaritaujaliqiyutinik agilramingni. Amigainingit ilauyut aturutikhaqaqtut qaritaujakkut nunamingni, aalatqiinilu nunagiayuyumit. Imaatun ittuq, Iqalungni, 100% ilauyut pittaaqtut qaritaujaliqidjutikharnik aihimavingmini, Kangiqtuqaapingmi 64% pittaaqtut. Anginiqaqtuq ilihimajukhat taima ayungnautauniaqtuq Hilahiutit Itqurniarutait qanurinniariakhanik naunaiqhivaktut qaritaujakkut aullaarnahuarumik pivikhamingnik.

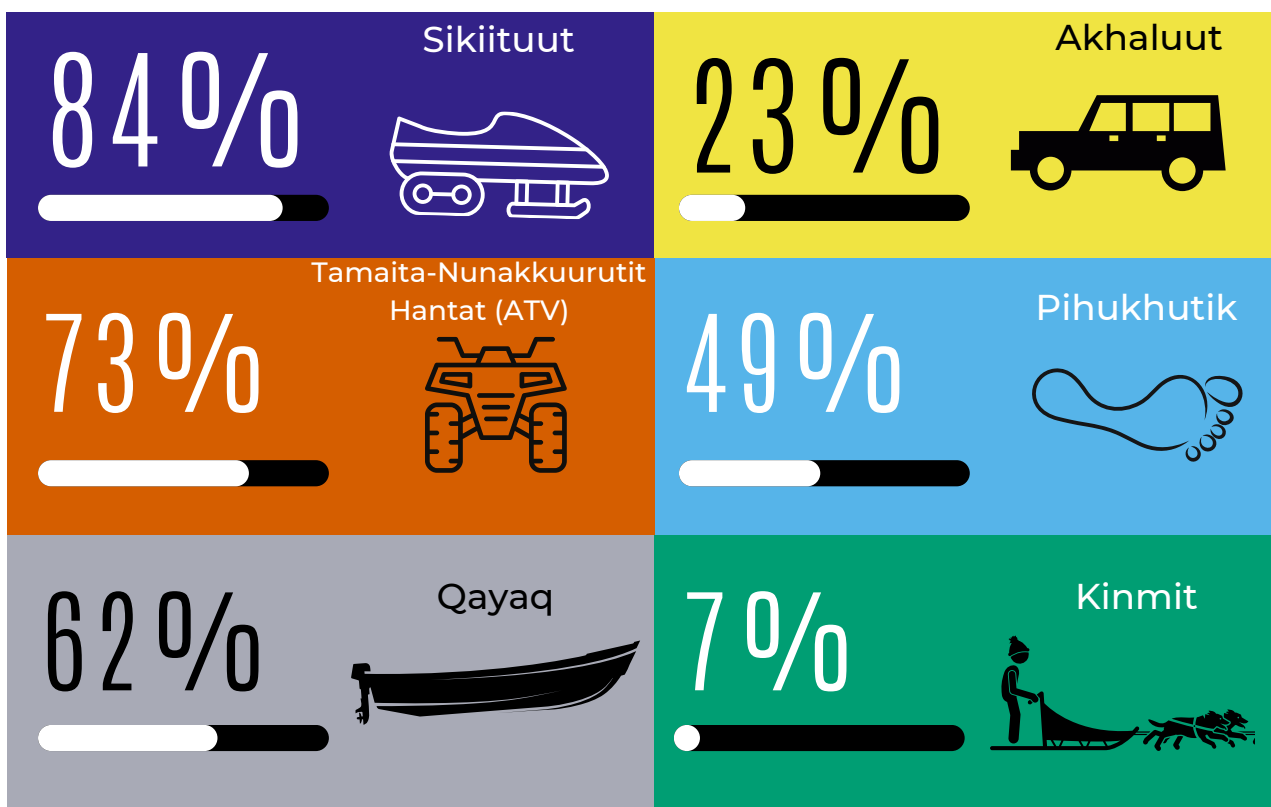
INTERNET ACCESS



Most (85%) participants have access to the internet in their home. The percent of participants with access to internet in their home, varied by community. For instance, in Iqaluit, 100% of participants had access to internet in their home, and in Clyde River 64% had access. This is important to know because it affects what kinds of environmental forecast information participants might be able to access.

AULLAARANGAMIK ATUQPAKHIMAJIT

AALLATQIIKTUT AULLAARUTIGIVAKTAIT NAUNAIJAUTINUT ILAUYUT ATUQPAGAINIK AULLAARANGAMIK NUNAMUN

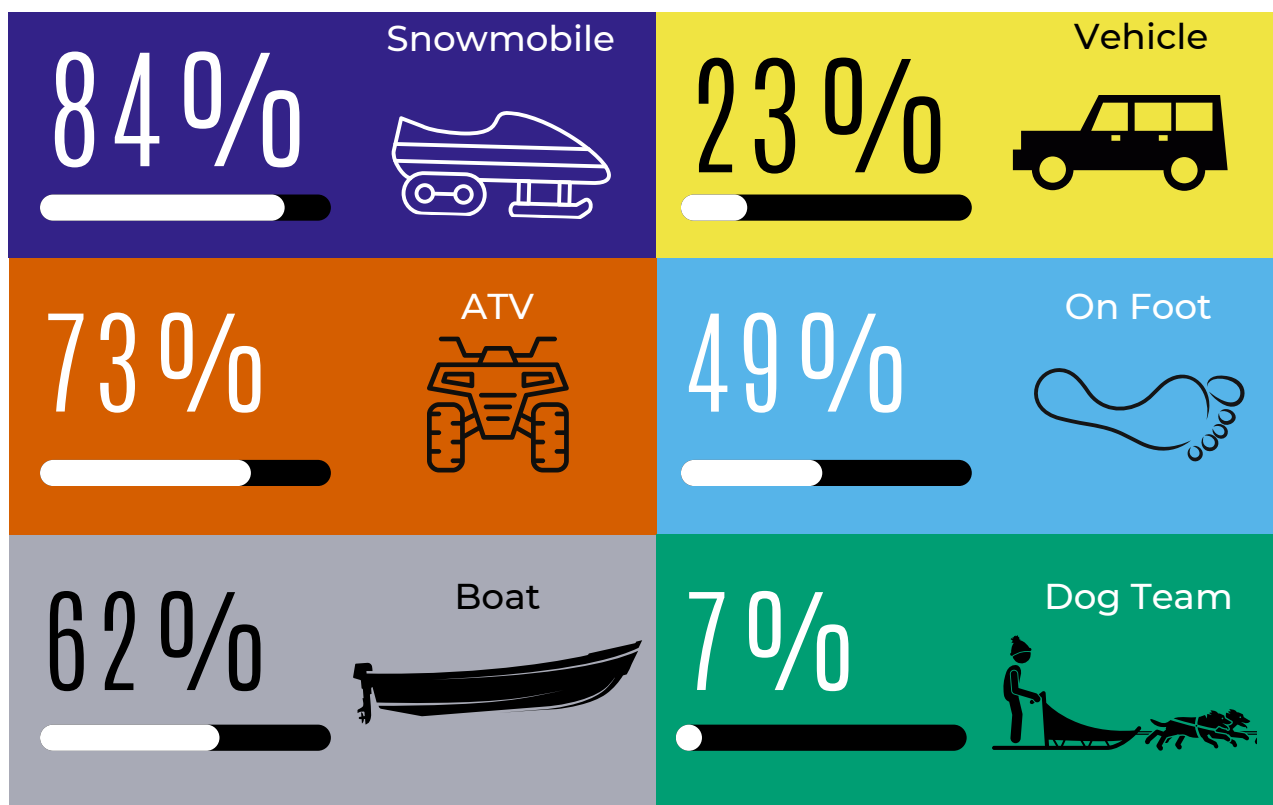


Naunaiyaunmi ilauyut aulagtut maniqqami (tukiqaqtut hamuuna nunami, immarmik, tariumi hikumi, apunmilu) tatqiqhiut tamaat. Sikiituut atuqtauluaqtut atugakhat aullaarutkhat atuqtauyut, maliktauyut hapkunanga All-Terrain Vehicles hantat (ATVs) uvalu qainnat. Ilauqatauhimajut aullaapaktu akhaluutikkut, pihukhutik, unalu qinmiqtuqhutiklu.

Tamna pinnariyauyuq hamani taffumunga "Pihujhutik" naunaiqhimayat qaffiuyut ilauyut aullaapaktut pihukhutik (imaa, aullaapaktut nunamingnit pihukhutik, naittumik pihuuyakhutik uvaluniit pihukhutik nunami), pidjutigiplugu kangiqhinginamikku hunamik pidjutiaqtumik.

TRAVEL HABITS

METHODS OF TRANSPORTATION SURVEY PARTICIPANTS USE TO TRAVEL ON THE LAND

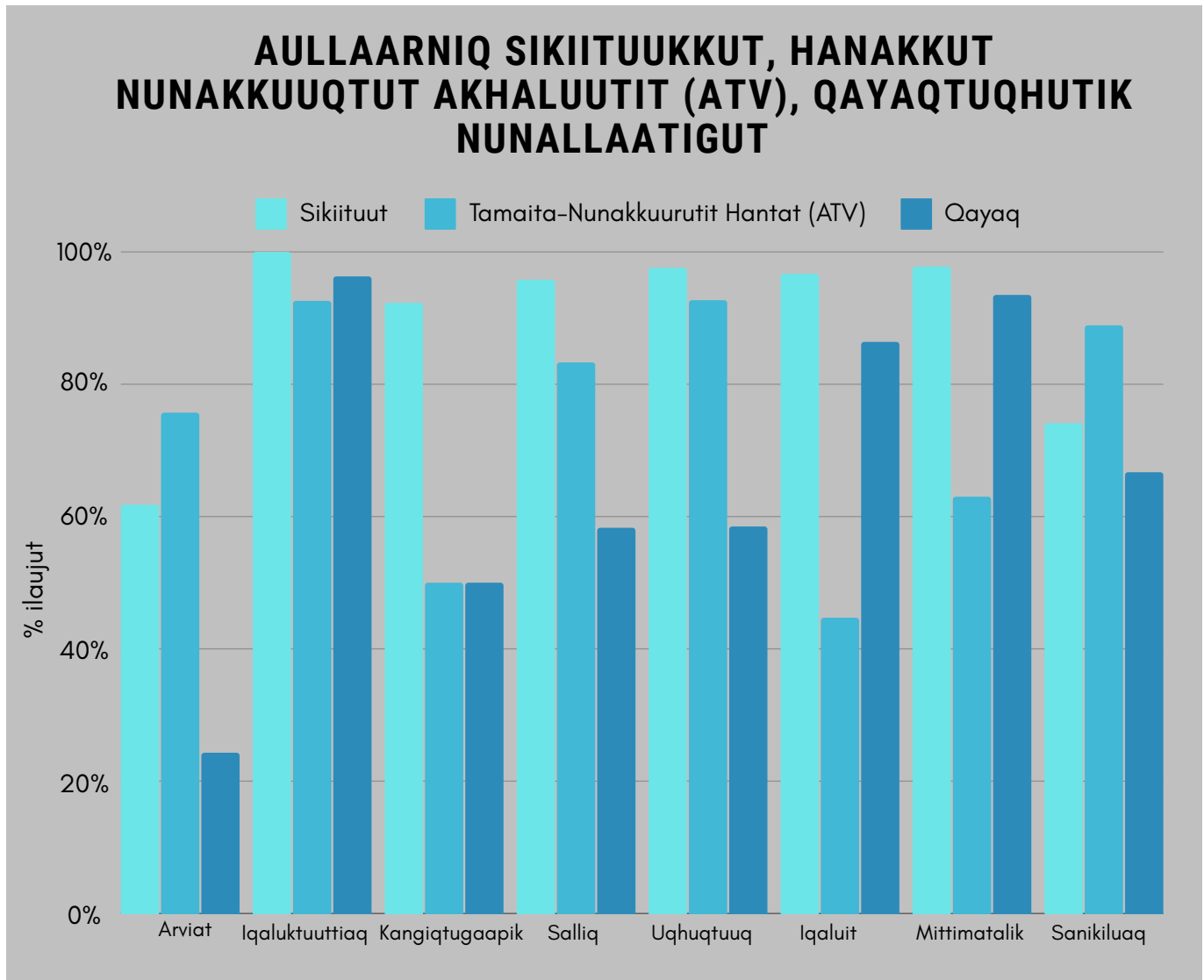


Survey participants travel on the land (meaning land, water, sea ice, and snow) in every month of the year. Snowmobile is the most common method of transportation used, followed by All-Terrain Vehicles (ATVs) and boats. Participants also travel by vehicle, on foot, and by dog team.

The value shown here for “On Foot” may overestimate the number of participants who travel on foot (i.e. leave their community on foot, not short walks or hikes), because they misunderstood what was meant.

AULLAARANGAMIK ATUQPAKHIMAJIT (AULAHIMAAQTUQ)

AALLATQIIKTUT AULLAARUTIGIVAKTAIT NAUNAIJAUTINUT ILAUYUT ATUQPAGAINIK AULLAARANGAMIK NUNAMUN (AULAHIMAAQTUQ)

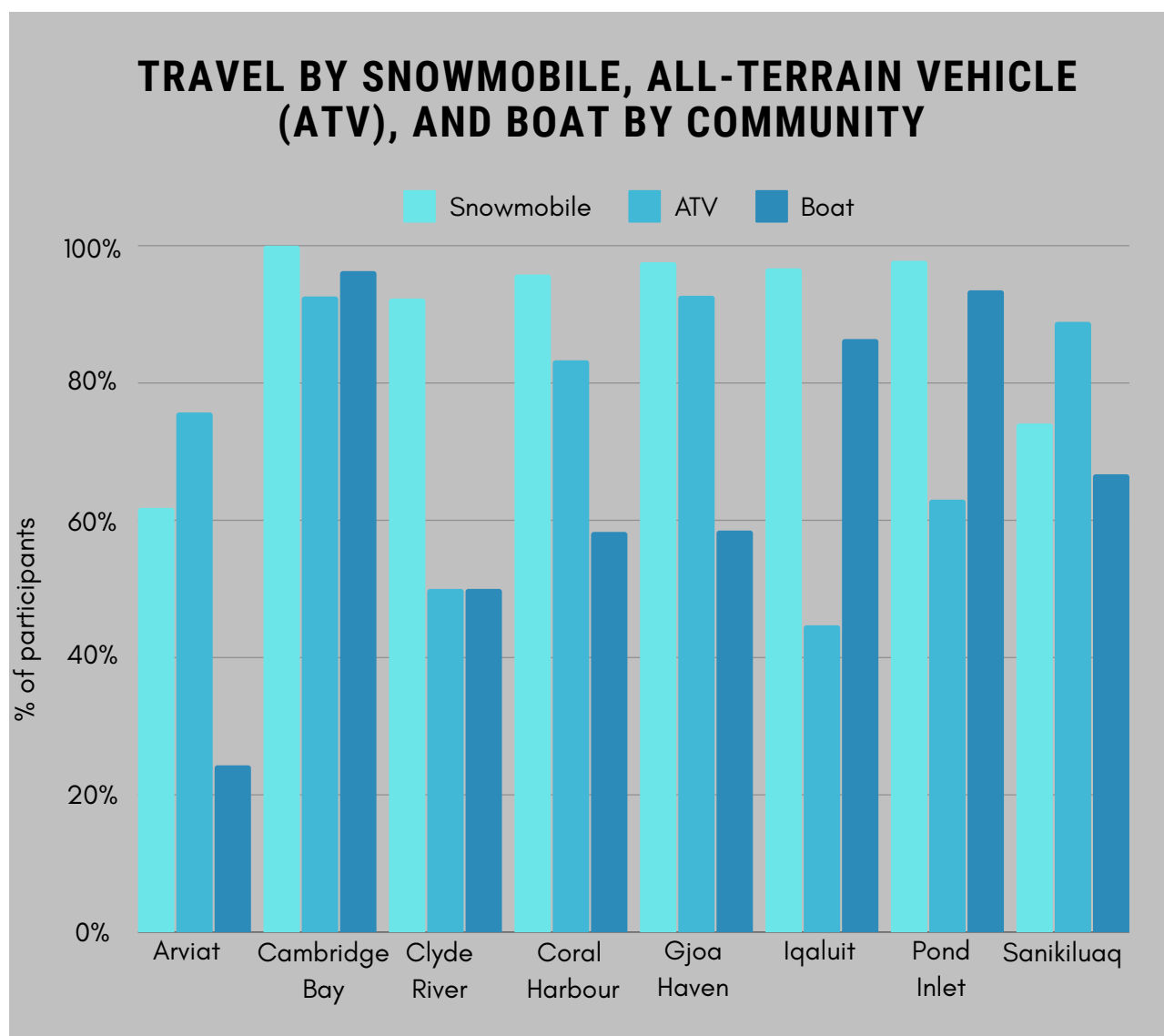


Sikiituut atuqtaulluaqpaktut qanuriniginik amigainiqhait ilauyunit atuqtauyut tamaini nunagiyaayuni kihiani Arviani hamanilu Sanikiluarmi, ATV hantat atuqtaulluaqpaktut amigaittunit inungnit. Haantat atuqtauniit aallatqiiktumik naunaitumik nunatigut Una uuktuutigillaklugu Iqalungni, ikitqiat nampaanit (45%) aturninnga ATV hanat uumannga Iqaluktuutiami hamanilu Uqhuqtuumi (tamangnik 93%). Qayaqturnirmik aturninngat aallatqiiktuq nunallaani. Arviani, 25% ilaujut atuqpaktut qajanik, aadjiliurutigiplugu Iqaluktuutiami (96%), Mittimatalik (94%), hamanilu Iqalungni (86%).

TRAVEL HABITS

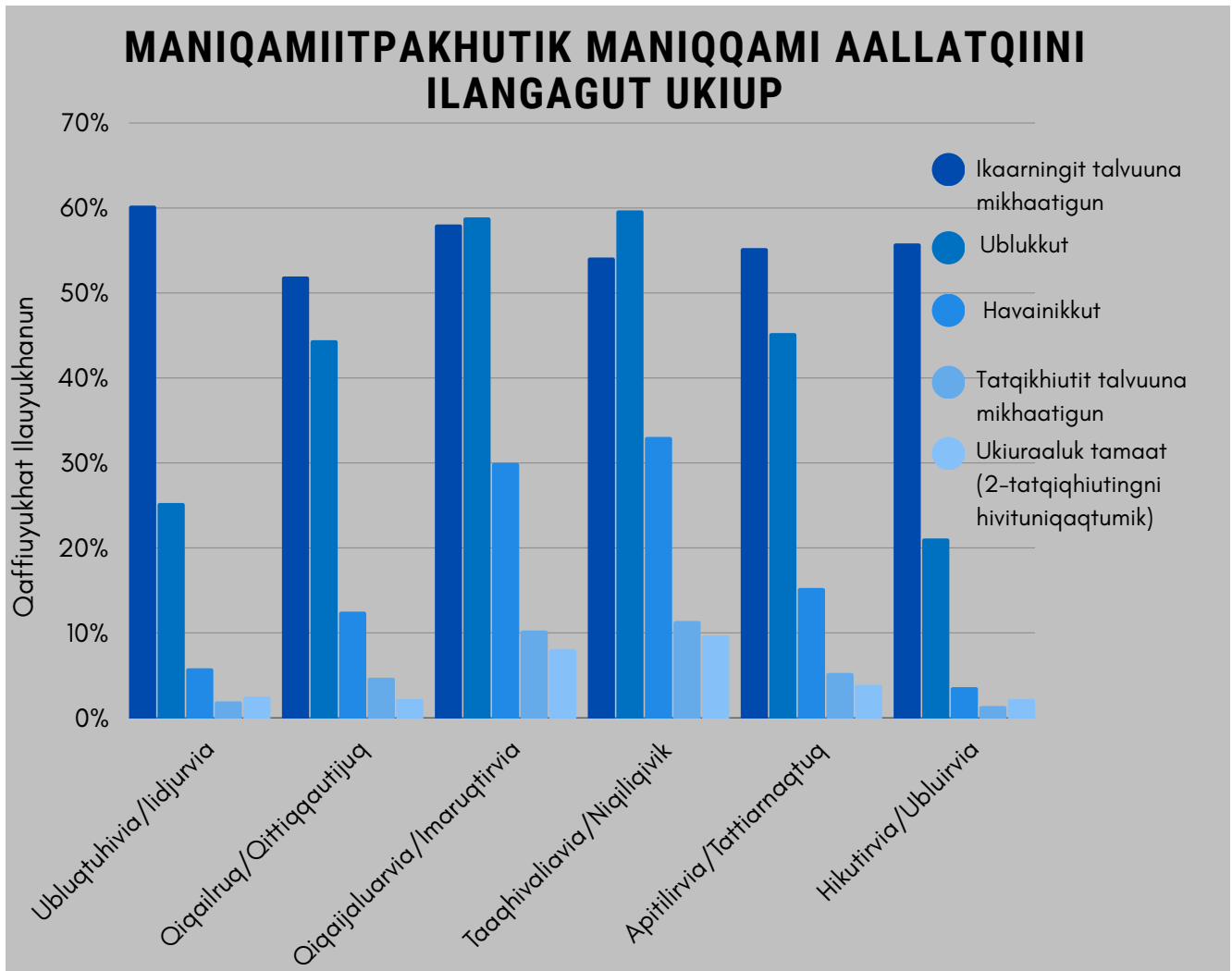
(CONTINUED)

METHODS OF TRANSPORTATION SURVEY PARTICIPANTS USE TO TRAVEL ON THE LAND (CONTINUED)



Snowmobiles are the transportation type the greatest percent of participants used in every community except Arviat and Sanikiluaq, where ATVs were used by the greatest number. ATV use differed notably between communities. For example in Iqaluit, less than half (45%) use ATVs compared to Cambridge Bay and Gjoa Haven (both 93%). Boat use also varied between communities. In Arviat, 25% of participants use boats, compared to Cambridge Bay (96%), Pond Inlet (94%), and Iqaluit (86%).

AULLAARANGAMIK ATUQPAKHIMAJIT (AULAHIMAAQTUQ)



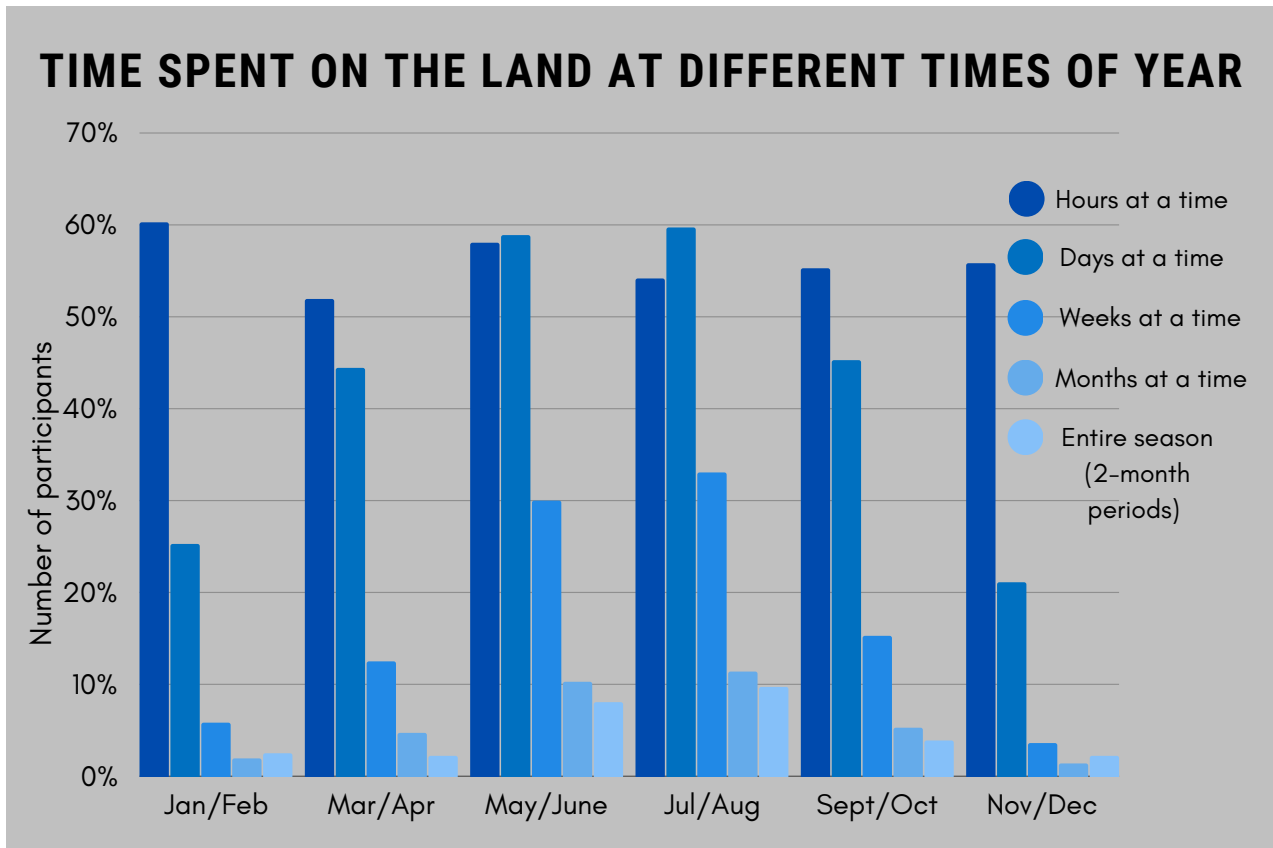
Aallangurangat hilaput, auyami, ukiumi, upin'ngami, naunaijautinut ilaayut aallatqiinik hivitunigaqtumik maniqqami aullaarvingmingnut. Tamavjaita, ilaayut maniqamiitut ikaarniinni uvaluuniin ubluni. Atuqtitlugu tatqiqhiutaani Qiqaijaluvarvia talvunga Niqiliqivik amigaitut ilaayut maniqqamiittut havainirmi atautikkut. Ilangit aullaqpaktut akuniraalungmi.



Piksa: Natalie Carter

TRAVEL HABITS

(CONTINUED)



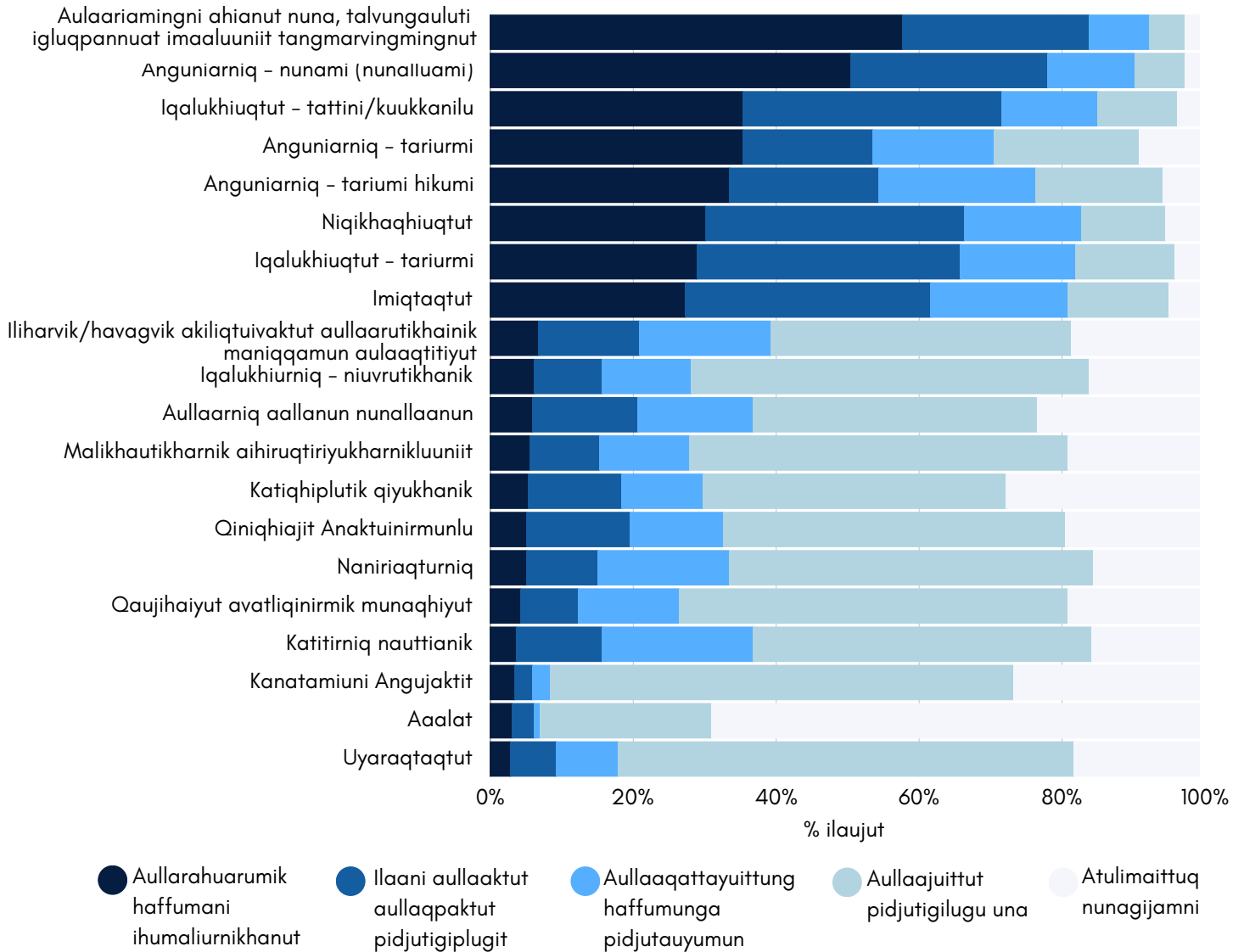
In different times of year, survey participants spend different lengths of time on the land. Most commonly, participants are on the land for hours or days at a time. In May through August many participants are on the land for weeks at a time. Some travel for longer periods of time.



Photo: Natalie Carter

AULLAARANGAMIK ATUQPAKHIMAJIT (AULAHIMAAQTUQ)

HUUQ NUNAVUNMIUT ILAUYUT AULLAAQPAKTUT NUNAMUN

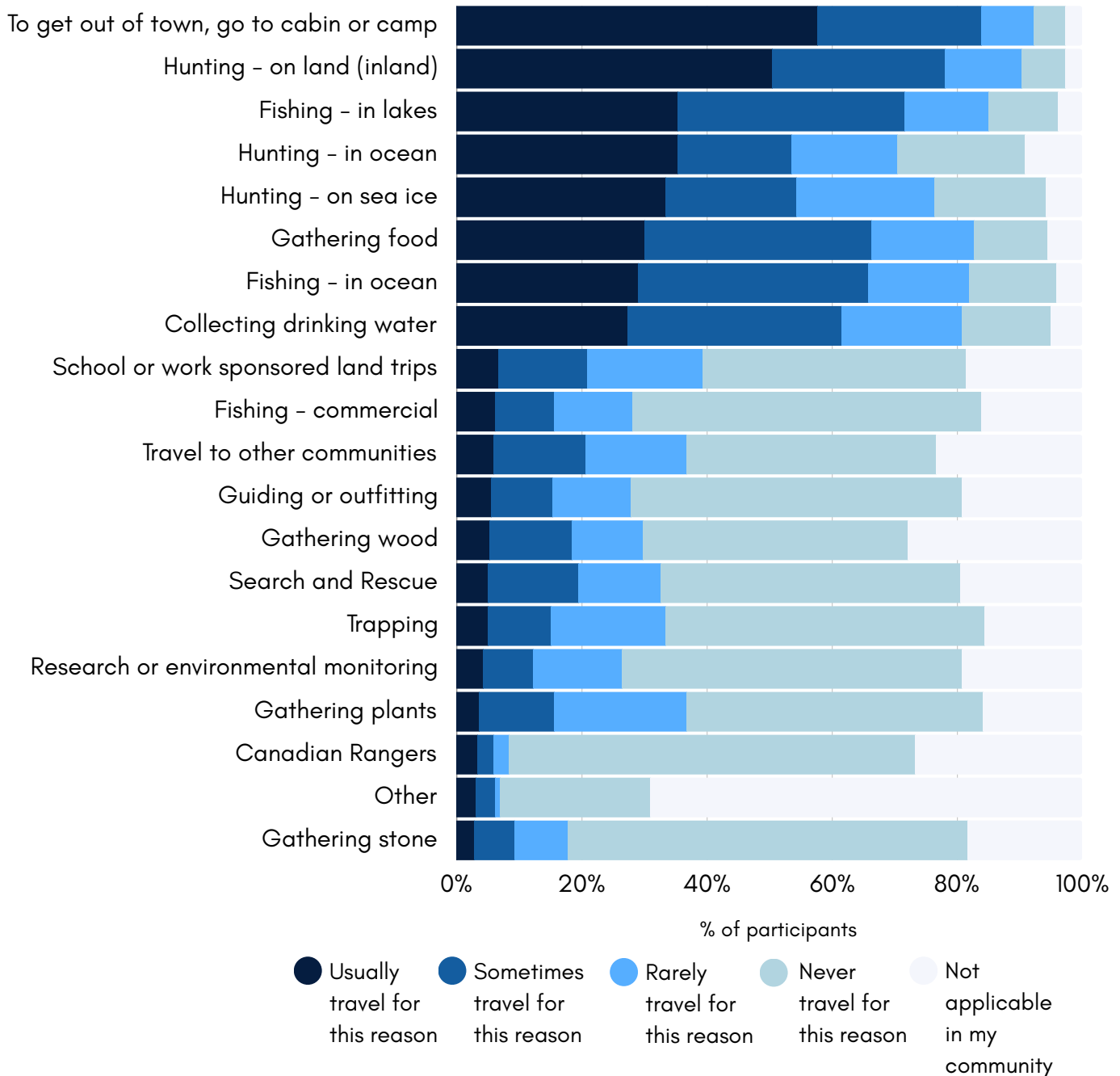


Naunaijautimut ilauyut aullaqpaktut nunakktut, tariukktut, imaalu hikukktut angunahuarangamik iqalukhiurangamikluuniit. Tamavyaita aullaqpaktut nunamun/hamunga igluannuamingnut uvaluuniin hiniktarvingmun, anguniaqhutik maniqqamun, iqalukhiuqhutik tattini, anguniaqtut tariumi uvaluuniin tariumi hikumi, katikhiplutik niqikhanik, iqalukhiuqhutik tariumi, uvaluuniit imiqtariakhutiklu imaluuniit hikutaqhutik. **Takulugu makpirnia 22** naunaiqhittiarumaguvin "Aallat" pidjutaugut Nunavunmiut ilauyut aullaqtut nunamut.

TRAVEL HABITS

(CONTINUED)

REASONS NUNAVUMMIUT PARTICIPANTS USUALLY TRAVEL ON THE LAND



Survey participants travel on the land, water, and ice for many reasons. Most often they travel to get out of town/go to a cabin or camp, hunt on land, fish in lakes, hunt in the ocean or on sea ice, to gather food, fish in the ocean, or to collect drinking water. **See page 22** for details about “Other” reasons Nunavummiut participants travel on the land.

AULLAARANGAMIK ATUQPAKHIMAJIT (AULAHIMAAQTUQ)

HUUQ NUNAVUNMIUT ILAUYUT AULLAAQPAKTUT NUNAMUN (AULAHIMAAQTUQ)

Naunaijautimut ilauyut aulaaqpaktut nunakkut, tariukkut, imaalu hikukkut angunahuarangamik iqalukhiurangamikluuniit. Tapkununga kitkut kiuyut "Aallat" (**takulugu makpirnia 21**) uqaqtut qayaqtuqpaktumi, hiniktaqatigiplugit ilatik, pilakhutik nattirnik, uviluqtariaqtuqhutik, qinmiqtuqhutik, ski, akhaluaryuaqaqtunik baisikuqtut, iqaiyaqhutik, ilamingnut aquiplutik, agyariiyaqhutik uqhukhamingnik, naunaiyaiyut huradjanik, agyaqtut iglunnuamingnik/aulaarutikhanik tamayat/ingilrutimik, pihuuyaqhutik nunamut, atuqhuatuqhutik imaittumik atuqhugu kite, uvalu nunauyaiplutik humiitaaqhanik hikumik atuqhutik imaitumik drone. Ilauyut tamaita aulaaqtut nunamut haffumunga ihumakkut aanniaqtailinikkut, piksaliuqhutik, aturlugit Inuit Qaujimagatuqangit, tigumiaqtut titiraqhutik, Min'nguiqhivikkut Kanatami, iqalukhiuqtut, ikayugiangani sikiituukkut uliisiktunik, inungnik aullaayuitunik aullaarudjiplutik, ilihautilugit ilanatik, qurlumi imarmi qayaqtuqtut, angaadjuviit aulaaqtitiblutik, uvalu unnaguiqhiriaqtuqhutik nipaitumut.



Piksa: Jason Carpenter

TRAVEL HABITS (CONTINUED)

REASONS NUNAVUMMIUT PARTICIPANTS USUALLY TRAVEL ON THE LAND (CONTINUED)

Survey participants travel on the land, water, and ice for many reasons. Those who answered "Other" (**see page 21**) said they boat, camp with family, butcher seals, clam dig, dog sled, ski, fat bike, exercise, reunite with family, cache fuel, survey wildlife, drop off cabin/camping supplies, hike, kite, and map sea ice with a drone. Participants all travel on the land for mental health, photography, to practice Inuit Qaujimajatuqangit, mobile journalism, Parks Canada, sport fishing, to support snowmobile races, take people who never get to go out, teach friends, white water kayak, church trips, and for peace and quiet.

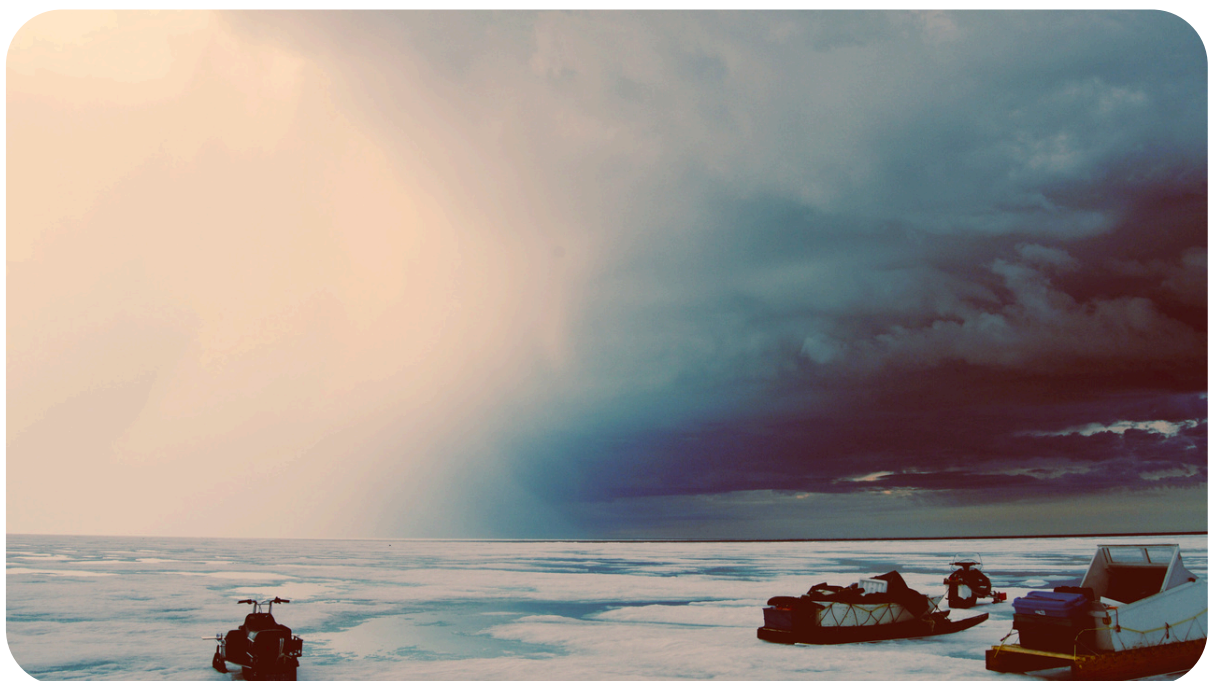


Photo: Jason Carpenter

HUMI NUNAVUNMIUT KIUVAKTUT AULLAQPAUHIRMINGNIK

Tautukangamik hapkuninga nunauyanik uvani unniudjunmi (makpirnia 25- 28), anginiqaqtuq naunaiqtakhat una:

1. **Ilauyut aulayuittut nunanut naunaiqhimayunut nunauyani. Ilangit atauttit unngahiktuliaqpaktut.** Kihiani, nunauyat atuqtavut kikliaqautayut kitunut nunanut inuit upagumayainik;
2. Tamaitaungittut nunallaani inuit ilauyut naunaiyautini taimaa unapidjutigiplugu, tamna **aullaarutikhat angitqiyauniarunaqhiyuq takunnaqtumit nunauyaptingni;**
3. **Nunallaamiutat ilauyut piyariaqaqtut takuurlugit hilahiutinik, imarmik, hikumik naunaitkutikhanik tamainni angijumi un'ngahiktunut aullaappaarvngmingnut.** Hilahiutit qanuriniit qanurinningit aallanganiaqtut upaktakhamingnut naunaiyautigiplugit nunamingni hilahiutiqarvanit najugaani; unalu
4. **Humi ilauyut aulaaqata qaliriingniginik, ilaliutihimakpataluniit, ahiinilu nunagiyauyuni; tamaita atadjutiqaqtut.** Taimaali, hilahiutit nayugait iliyauhimajut akkungangni nunallaat ikayuutauniaqtut amigaitunut nunallaanut qiniqhiayut piyangini hilahiutit naunaitkutainik.



Piksa: James Nanau Tagalik

WHERE NUNAVUMMIUT RESPONDENTS TRAVEL

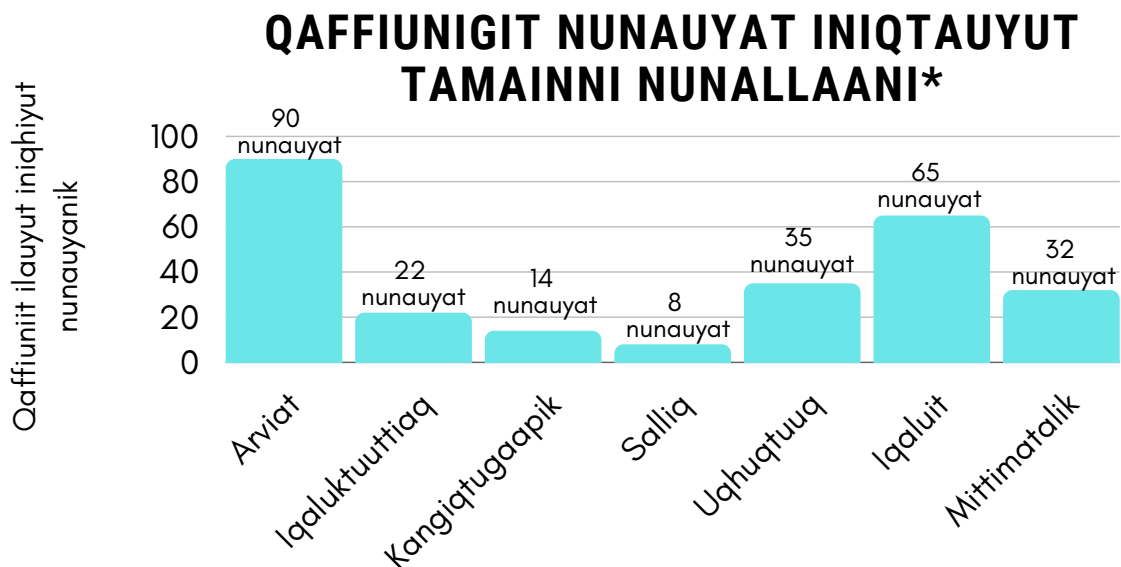
When looking at the maps in this report (pages 25 to 28), it is important to note that:

1. **Participants do not only travel to the areas indicated on the maps.** Some individuals go further than shown. However, the maps we used limited the areas people could select;
2. Not all community members participated in the survey so for this reason, the **travel extent may be even greater than shown in our maps;**
3. **Community members need to access weather, water, and ice information across the vast distances they travel.** Environmental conditions may be very different at their destination compared to in their community where the main weather station may be located; and
4. **The areas where participants travel overlap, or are connected, with other communities; they are all connected.** Therefore, weather stations placed between communities could benefit multiple communities seeking to access weather information.

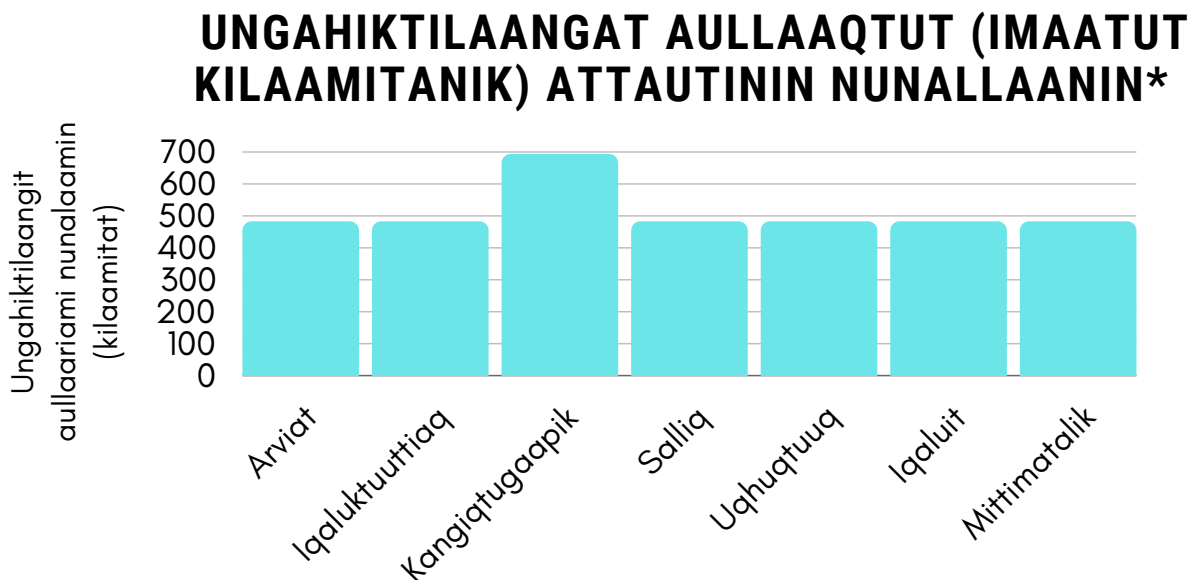


Photo: James Nanau Tagalik

HUMI NUNAVUNMIUT KIUVAKTUT AULLAQPAUHIRMINGNIK (AULAHIMAAQTUQ)



Qaffiuniit ilauyut iniqhiyut nunauyanik aallanganingnik nunallaatigut.

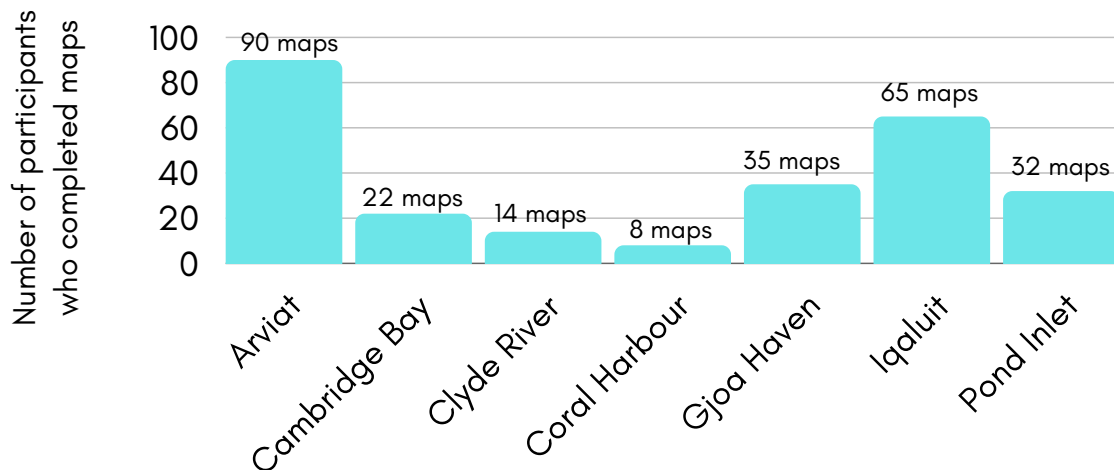


Ilauyut Kangiqtuqaapingmi aullaqtut unghitqiyauyumut nunamingnit (694 kilaamitanik). Ilauyut tamaini aalani nunagiyauyuni aullaqhimayut unghiktumitlu (483 kilaamitat nunagiyamingnit). Anginiqaqtuq naunairiami ilangit ilauyut aullangayuitut unghiktumut, imaatullu anginiqhauyut unghahingit aullaqpakhimayut ilanginit ilauyunit.

*Nunauyat iniqtauhiimaattut Sanikiluarmi.

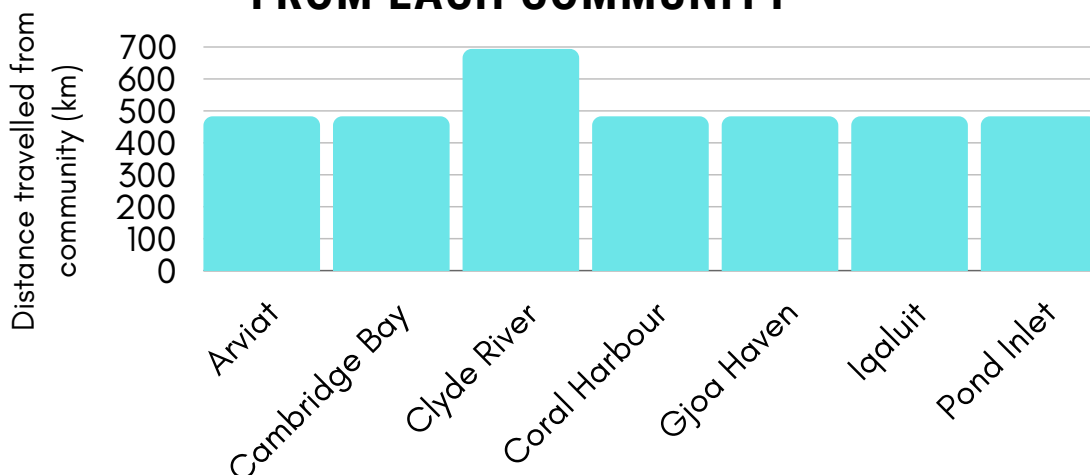
WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (CONTINUED)

NUMBER OF MAPS COMPLETED IN EACH COMMUNITY*



The number of participants who completed maps varied by community.

DISTANCE TRAVELLED (IN KILOMETERS) FROM EACH COMMUNITY*

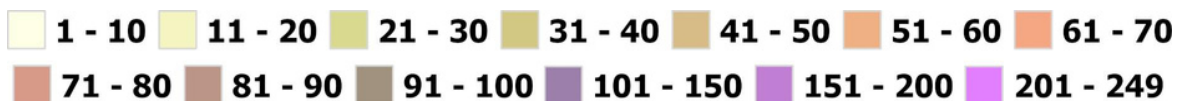
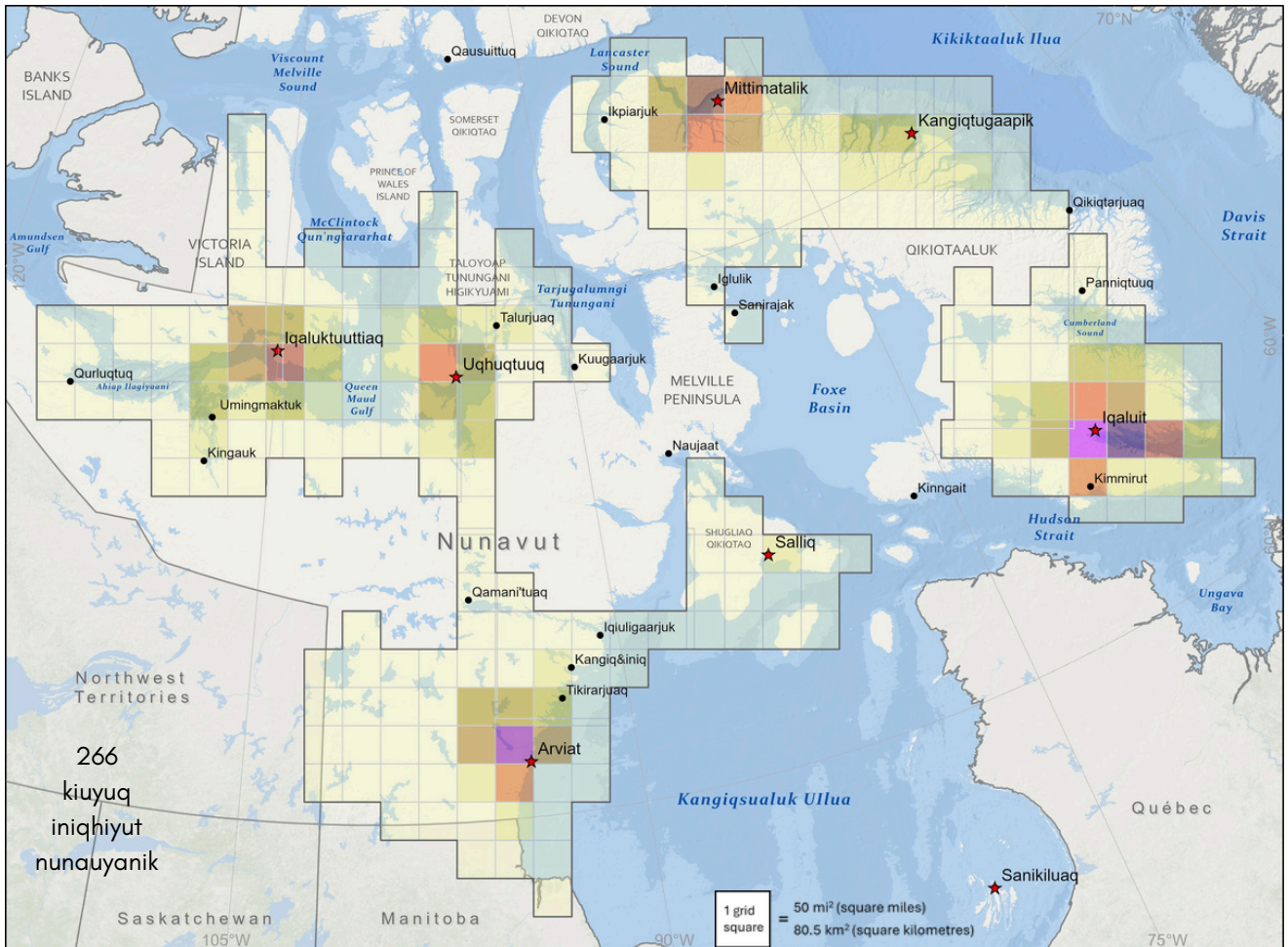


Participants in Clyde River traveled the farthest from their community (694 kilometres). Participants in all of the other communities travelled very far as well (483km from their community). It is important to note that not all participants travel such long distances, rather these are the maximum distances travelled by some participants.

***No maps were completed in Sanikiluaq.**

HUMI NUNAVUNMIUT KIUVAKTUT AULLAQPAUHIRMINGNIK (AULAHIMAAQTUQ)

ATAUTTIMUT AULLAARUTIKHAT



Qaffiuyut kiuyut aullaqtut naunaiqtauhimatunut nunanut

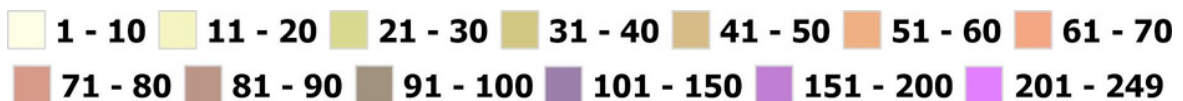
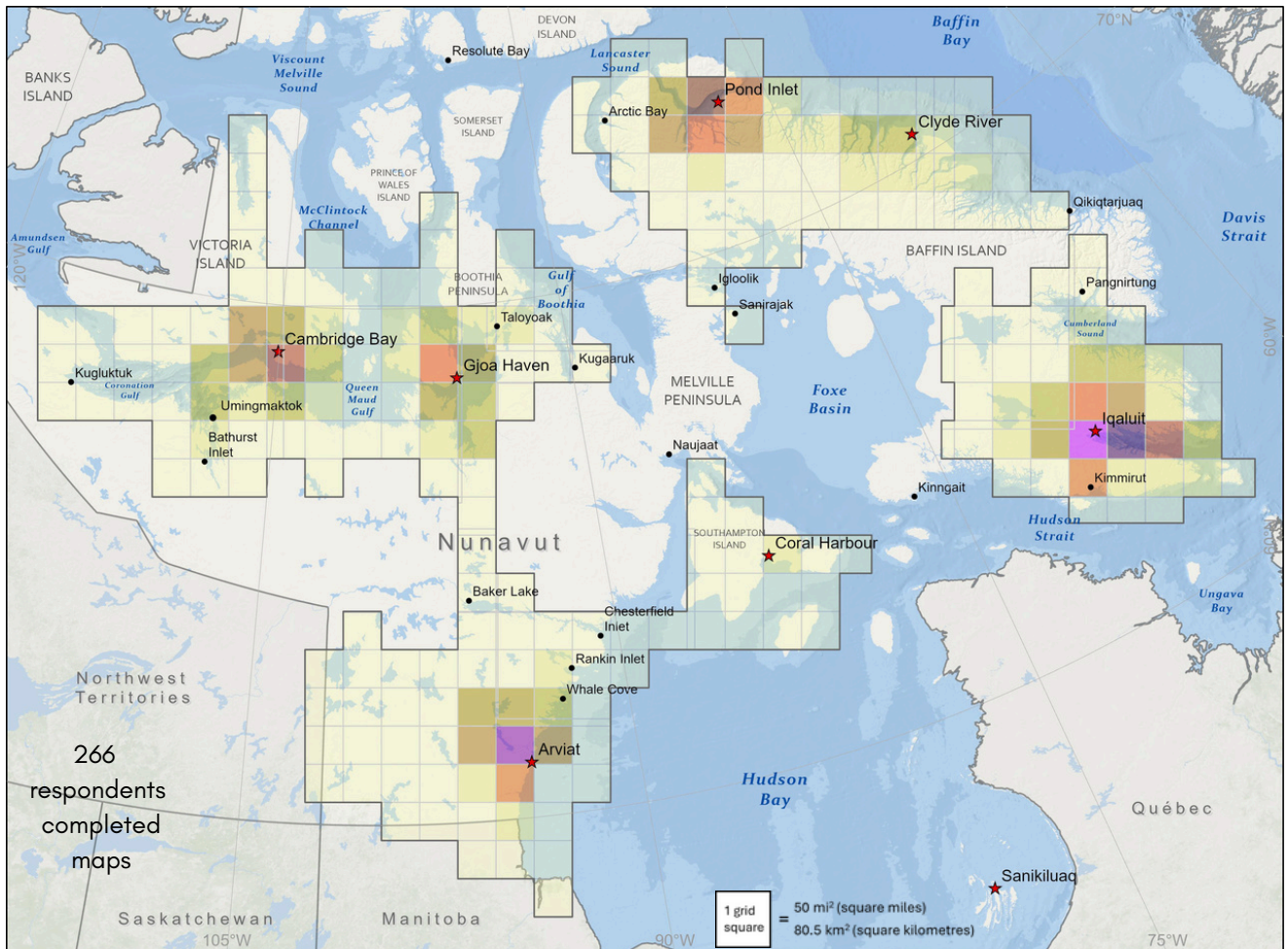
Pijaangani tamatkiumayumik makpigaq nunaujat takulugu:

<https://straightupnorth.ca/community-wwic-uses-and-needs/>

Nunauyami Ihuaqhajit Atuqtait: GCS WGS 1984; Nalautaangat: Lambert Azimuthal Equal Area; Nunaujat hanajauhimaqut Regena Sinclair-kunit, Imaruqtirvia 28, 2023; Ikayuutimut Iliuraiyi Naunaitkutait: HAMANI, Garmin, FAO, NOAA, USGS, © OpenStreetMap, unalu GIS Nunaliuyuq

WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (CONTINUED)

TOTAL TRAVEL



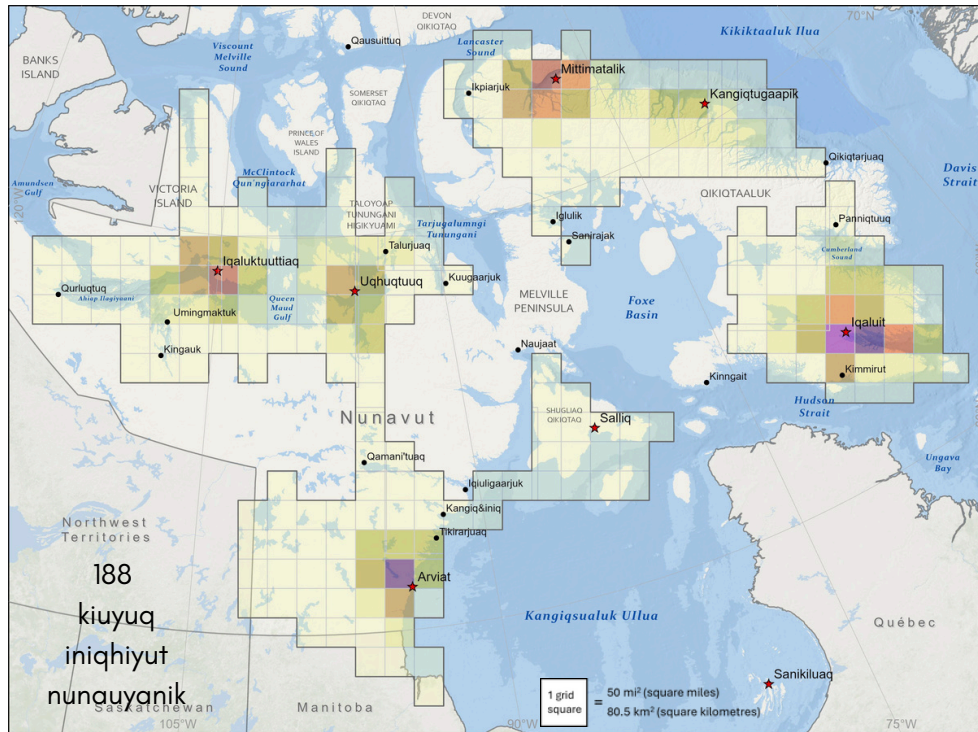
Number of respondents who travelled in the selected area

To access full-page maps visit:

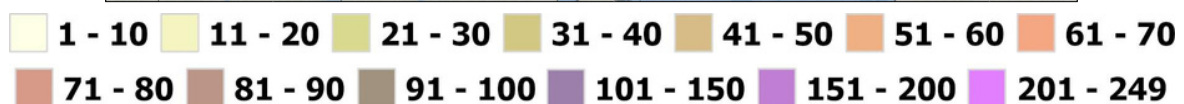
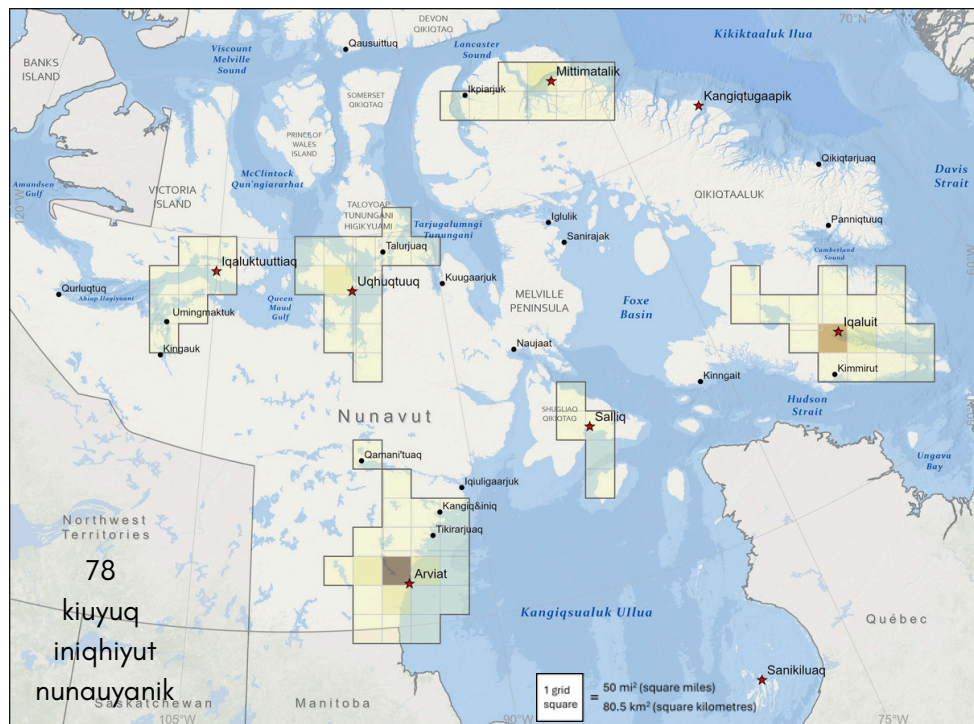
<https://straightupnorth.ca/community-wwic-uses-and-needs/>

Geographic Coordinate System: GCS WGS 1984; Projection: Lambert Azimuthal Equal Area;
Maps created by Regena Sinclair, June 28, 2023; Service Layer Credits: HERE, Garmin, FAO, NOAA, USGS,
© OpenStreetMap contributors, and the GIS User Community

HUMI NUNAVUNMIUT ANGUTIT ARNATLU KIUJUT AULLAQQTUT AULLAARNIQ ANGUTINIT



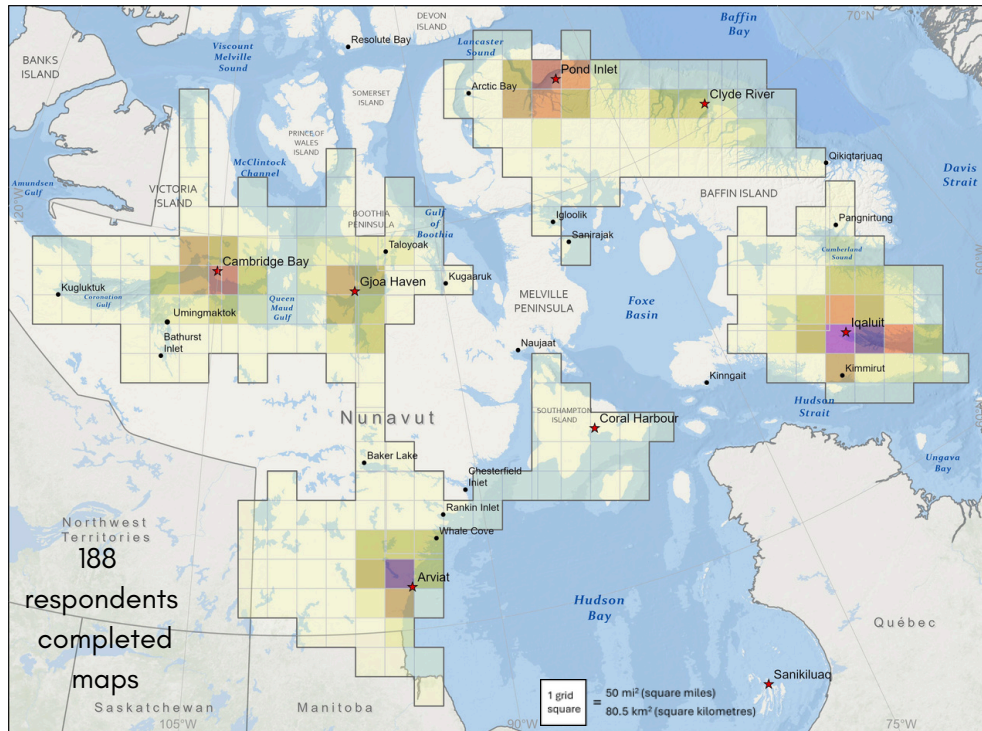
AULLARNIQ ARNANIT



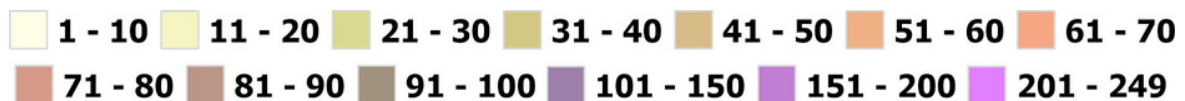
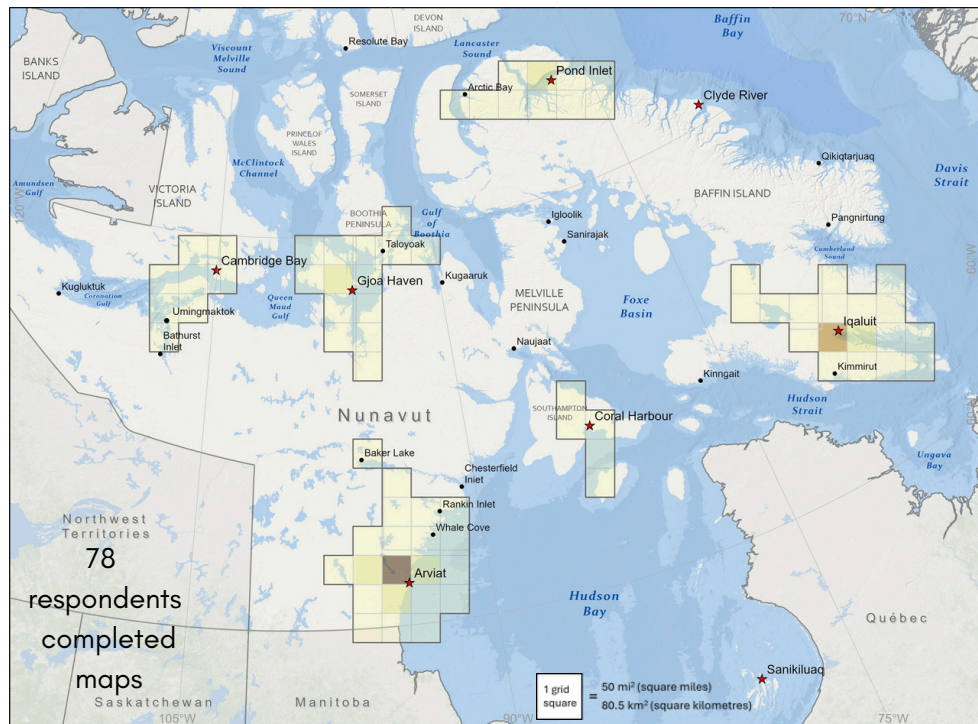
Qaffiuyut kiuyut aullaqqtut naunaigtahumatunut nunanut

WHERE NUNAVUMMIUT MEN AND WOMEN RESPONDENTSTRAVEL

TRAVEL BY MEN



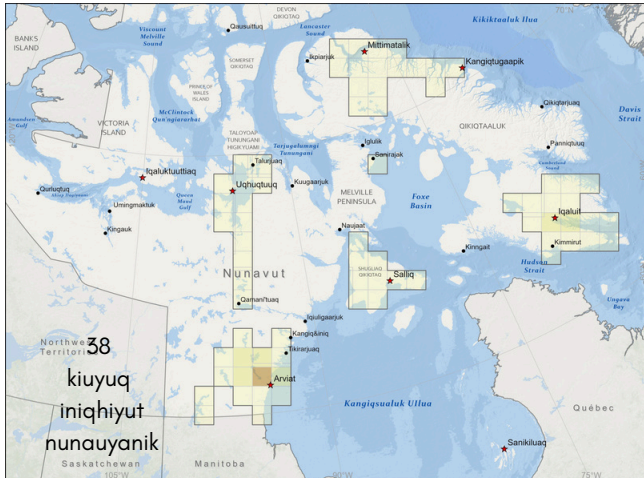
TRAVEL BY WOMEN



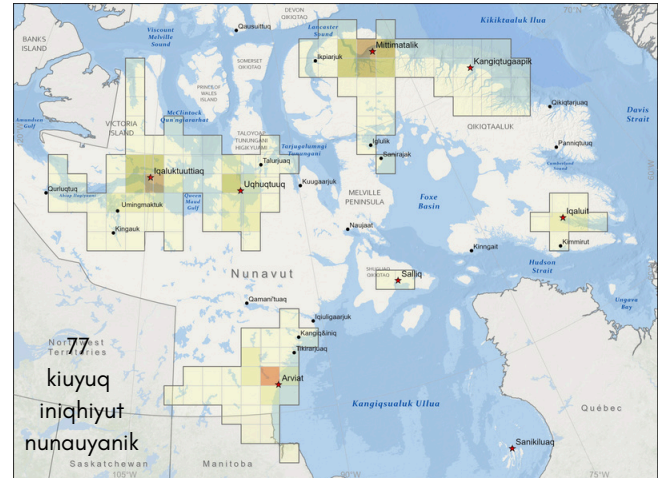
Number of respondents who travelled in the selected area

HUMI NUNAVUNMIUT AULLAAQPAKTUT (UKIUIMKKUT)

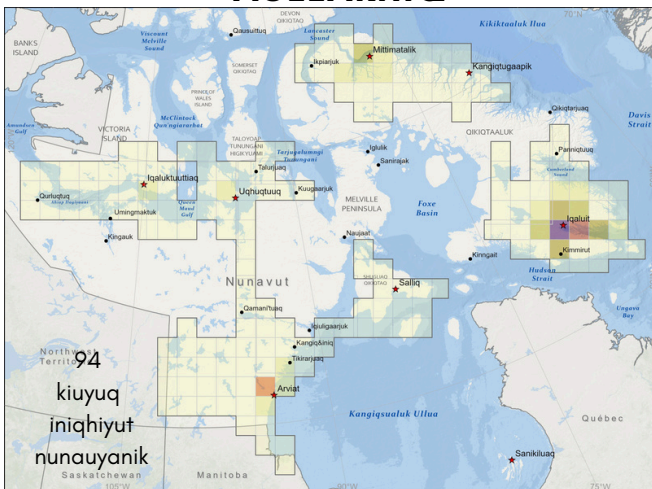
UKIUQAQTUT 16 TALVUNGA 24
AULLAAQTUT



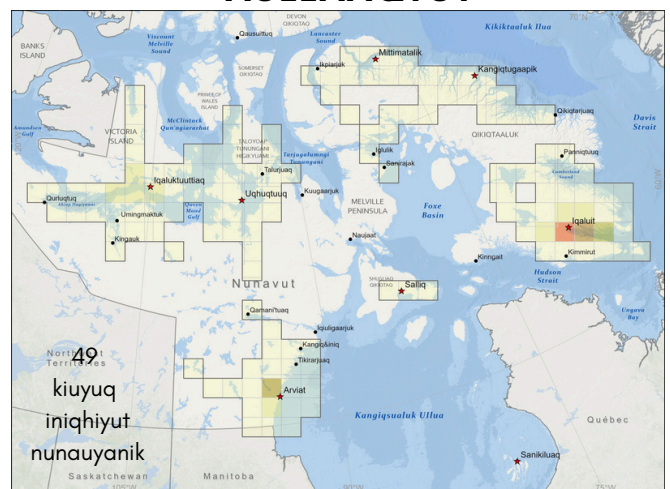
UKIUQAQTUT 25 TALVUNGA 34
AULLAAQTUT



UKIUQAQTUT 35 TALVUNGA 49
AULLARNIQ

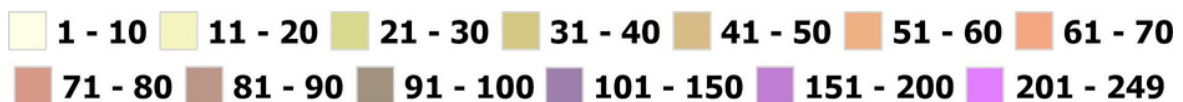


UKIUQAQTUT 50 TALVUNGA 69
AULLAAQTUT



UKIULGIT 70 IMAALU QULAANI
AULLAAQPAKHIMAYUT

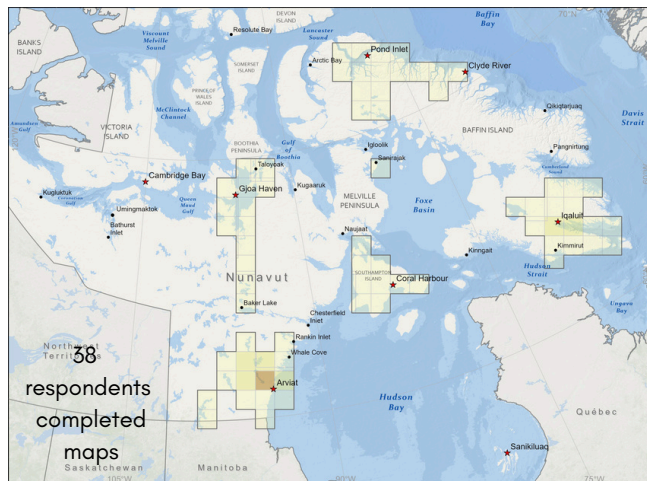
1 grid square = 50 mi² (square miles)
80.5 km² (square kilometres)



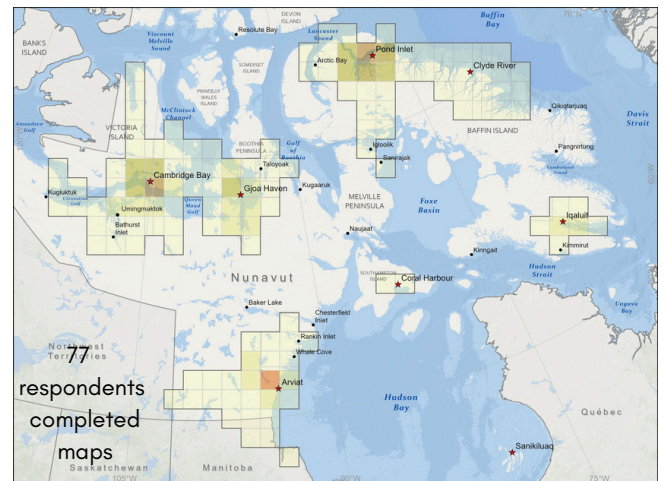
Qaffiyyut kiuyut aullaaqtut naunaqtauhimatunut nunanut

WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (BY AGE)

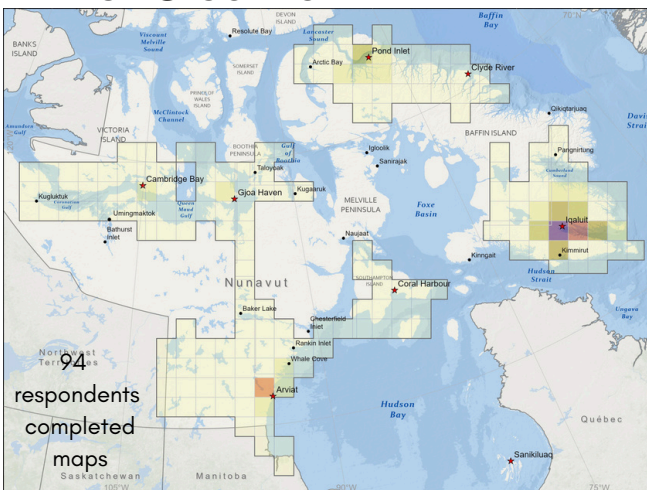
AGES 16 TO 24 TRAVEL



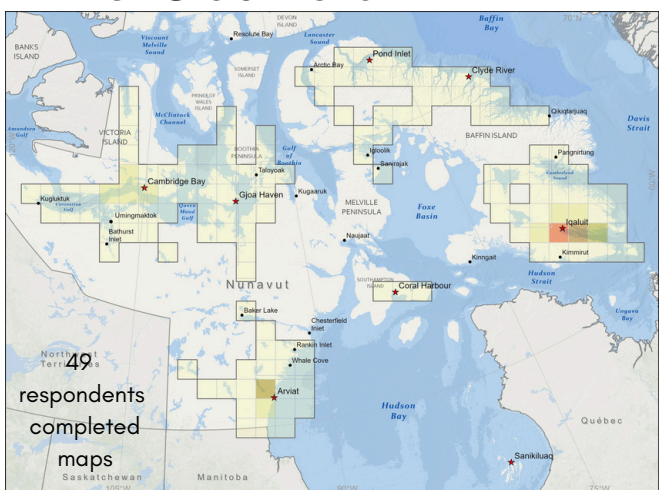
AGES 25 TO 34 TRAVEL



AGES 35 TO 49 TRAVEL

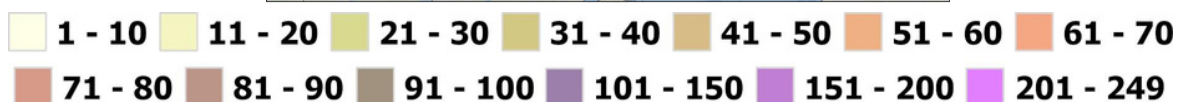
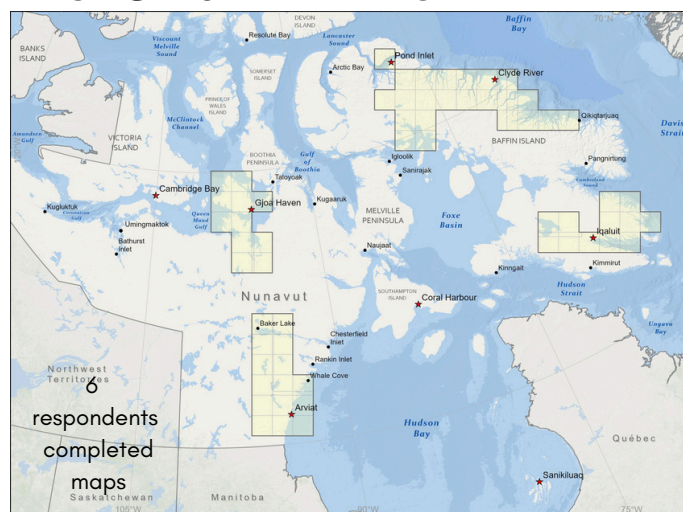


AGES 50 TO 69 TRAVEL



AGES 70 AND ABOVE TRAVEL

1 grid square = 50 mi² (square miles)
80.5 km² (square kilometres)

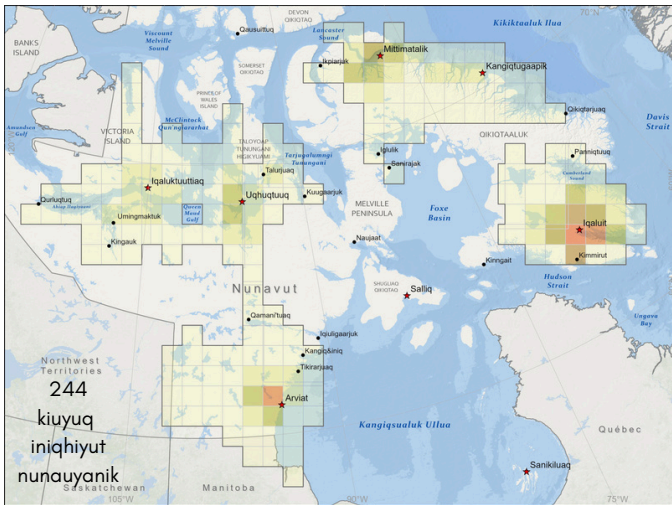


Number of respondents who travelled in the selected area

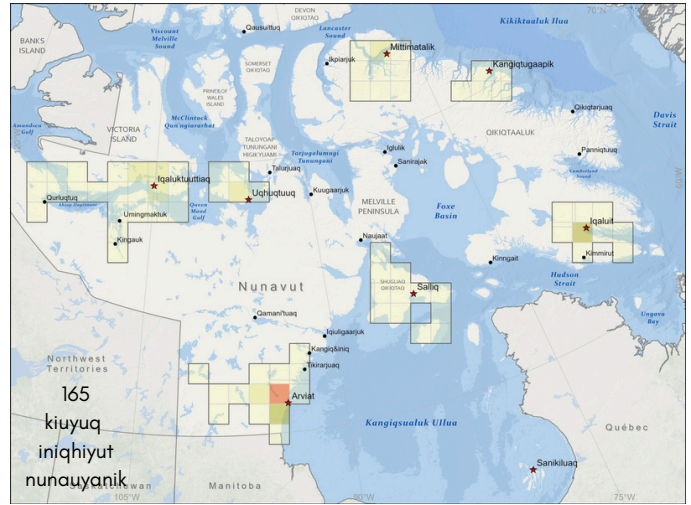
HUMI NUNAVUNMIUT KIUVAKTUT AULLAARUTIKHANIK (HUNAKKUTT AULLAAQTUT)

1 grid square = 50 mi² (square miles)
80.5 km² (square kilometres)

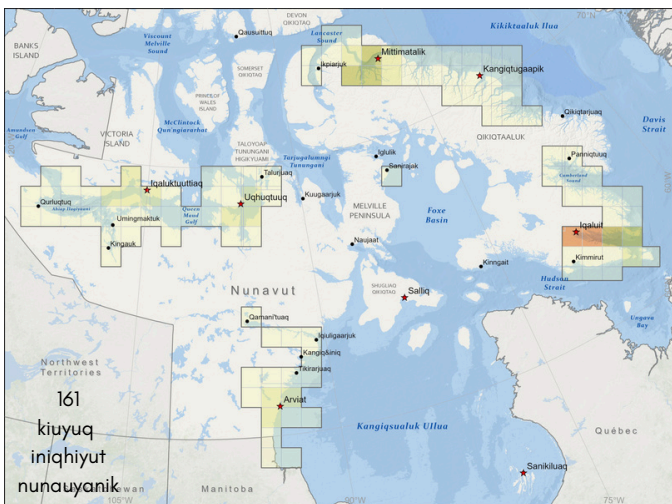
SIKIITUUKKUT AULLARNIQ



ATV AULAARNIQ



QAJYAKKUT AULLARNIQ



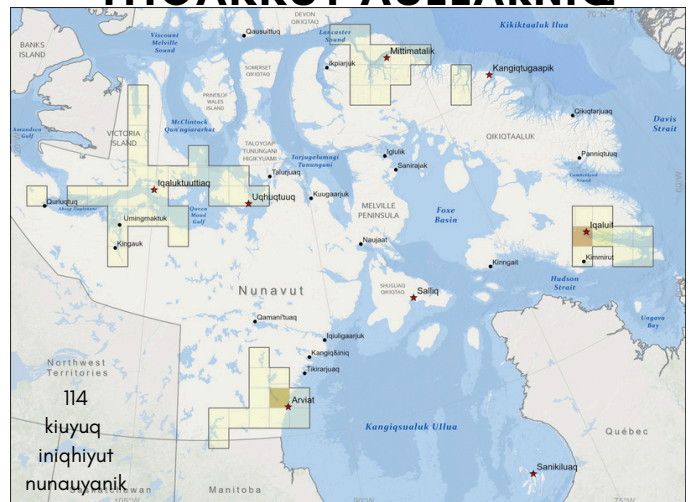
AKHALUUTIKKUT AULLARNIQ



QINMIQTUQHUTIK AULLAAQPAKHIMAYUT



ITIGAKKUT AULLARNIQ

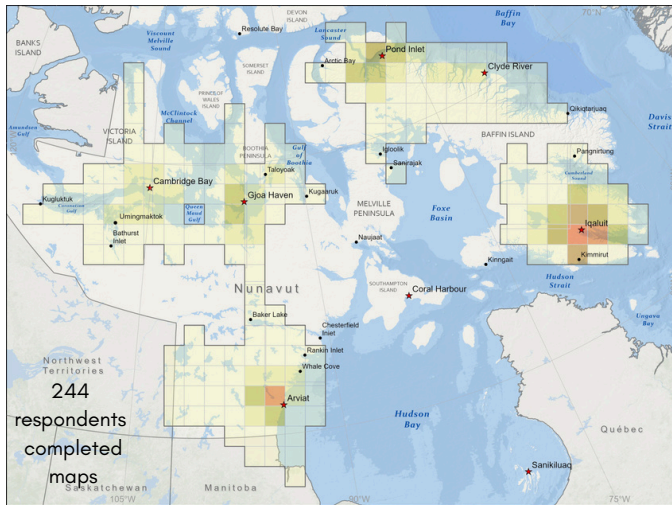


Qaffiuyut kiuyut aullaaqtut naunaiqtauhimatunut nunanut

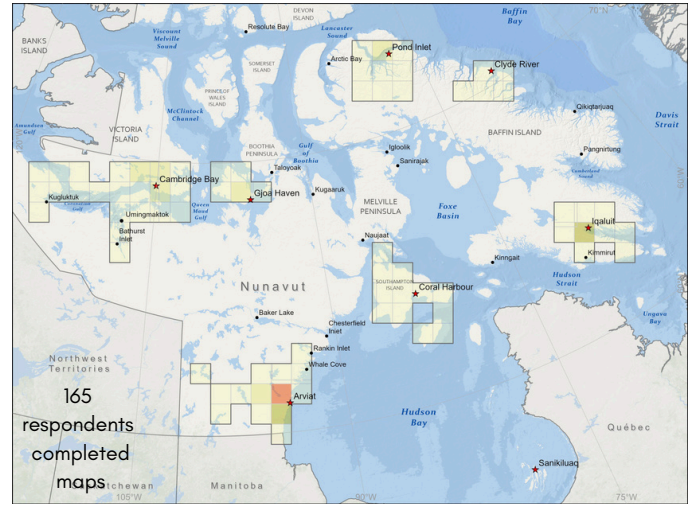
WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL)

SNOWMOBILE TRAVEL

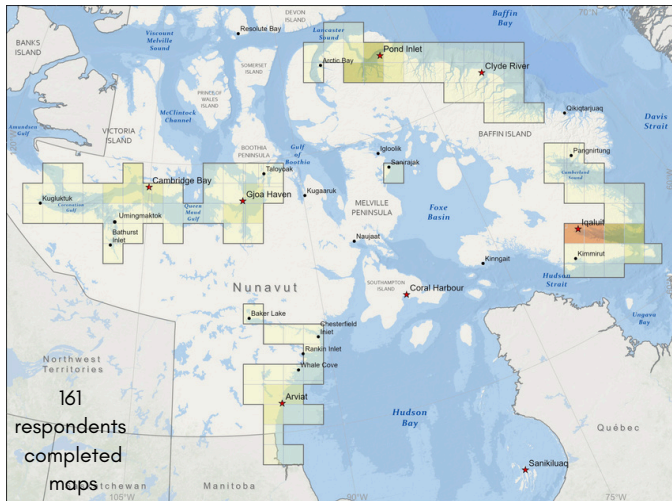
1 grid square = 50 mi² (square miles)
= 80.5 km² (square kilometres)



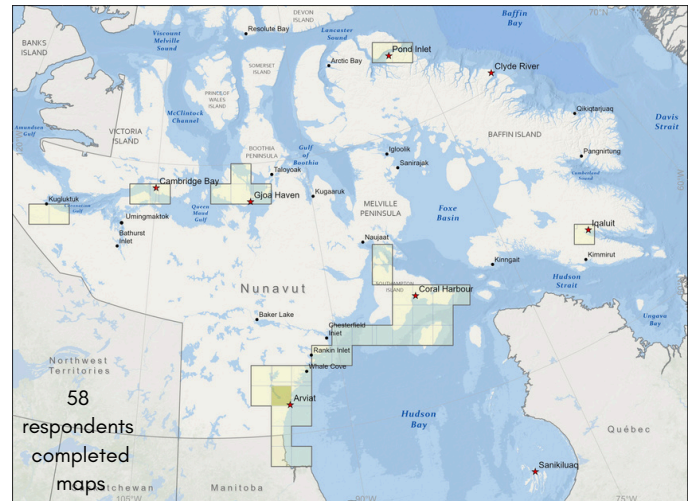
ATV TRAVEL



BOAT TRAVEL



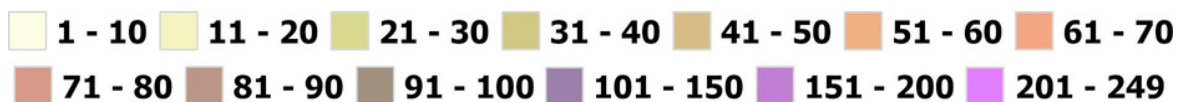
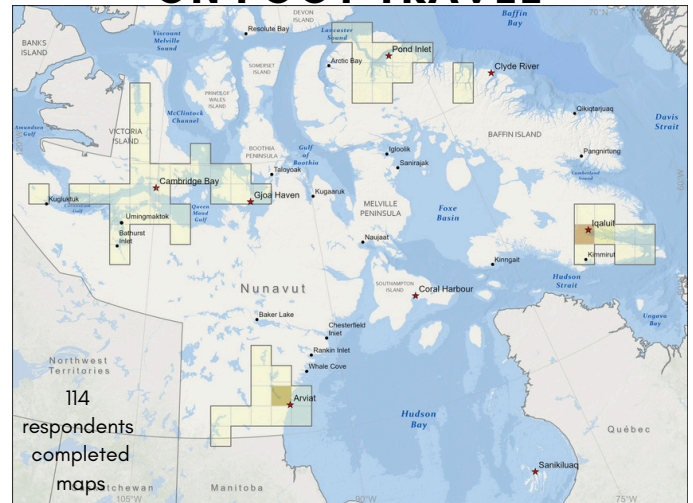
VEHICLE TRAVEL



DOG TEAM TRAVEL

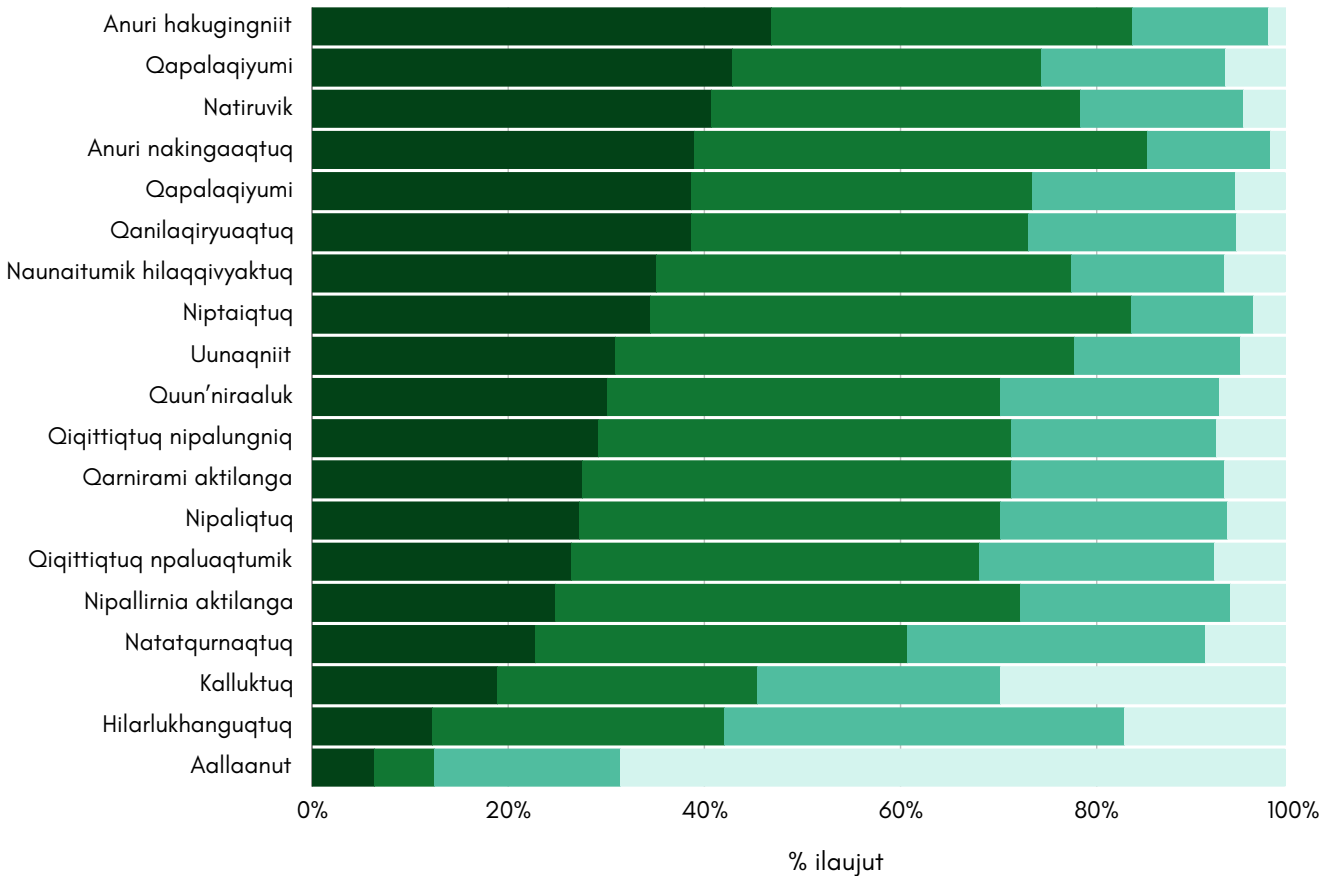


ON FOOT TRAVEL



Number of respondents who travelled in the selected area

HILAHUTIT QANURINNINGA NUNAVUNMIUT ILAUJUT NAUNAIJAKPAKTAT AULLAAKTINATIK



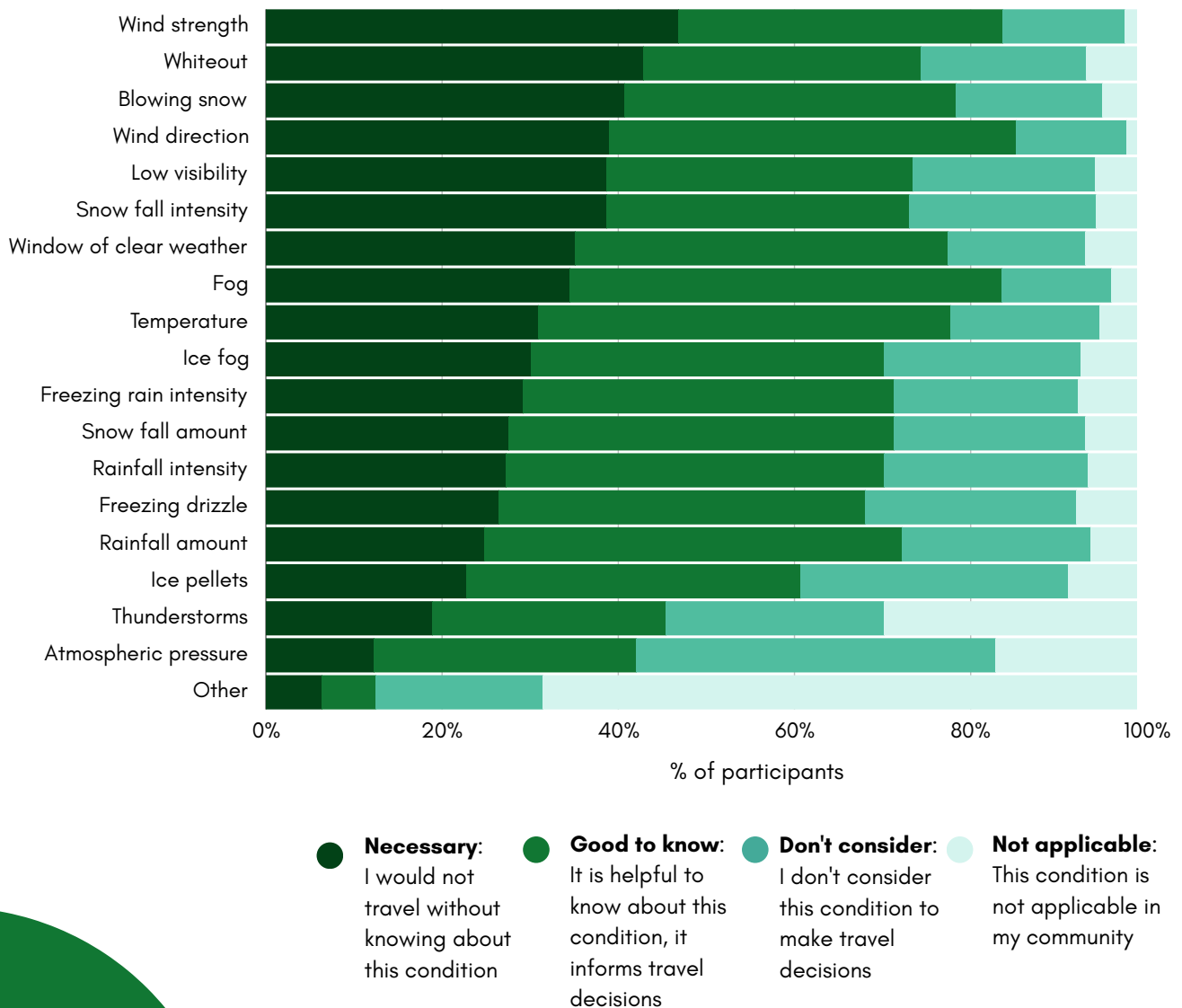
- Piyakhauyuq:** Aullalimaittunga ilihimangittumik haffuminga qanurinniinnik
- Nakuuyuq ilihimayaangat:** Ikayuutauniaqtuq ilihimagiami uuminnga qanurittaakhaanik, naunaijkaqtuuyuq aullaarutikhait ihumaliurutingit
- Ihumagihuirugu:** Ihumagingitara una qanurittaakhaanik aullaarutikhait ihumaliuriami
- Atuqtaulaittuq:** Una qanurinnia atuqtaungittuq nunagiyamni



HILA

Nunavunmiut ilauyut naunaijaqtakhait amigaitut aallatqiit hilap qanurinniit aullaqaqtinatik nunamun. Anurip hakugingniit, hilarlukpat takkunnaittumik, natiruvikpat, nakit anuqhiriakhanik takunnaitpat, akhut qaniqqat, hilarqqiryuqiliqtuq, imaalu taktuk hilalungniq pidjutaulluaqpaktuq ihumagijaujukhat "qauyimayakhait" naunaijaqtakhait aullaqtinnatik. Anginiqaqtuq naunaiqtakhangima amigaitun ukua pidjutiqaqtut unngahiktumut takunnariakhanik. Ilauyut kitkut kiuyut "Aallat" takuurivaktut piqhiriariakhanik, nuvuyat qanuriniit, anurip kayumiktilaanga imarmi, uvalu aktilaangit qaniirnit (mikiyut uvaluuniin angiyut).

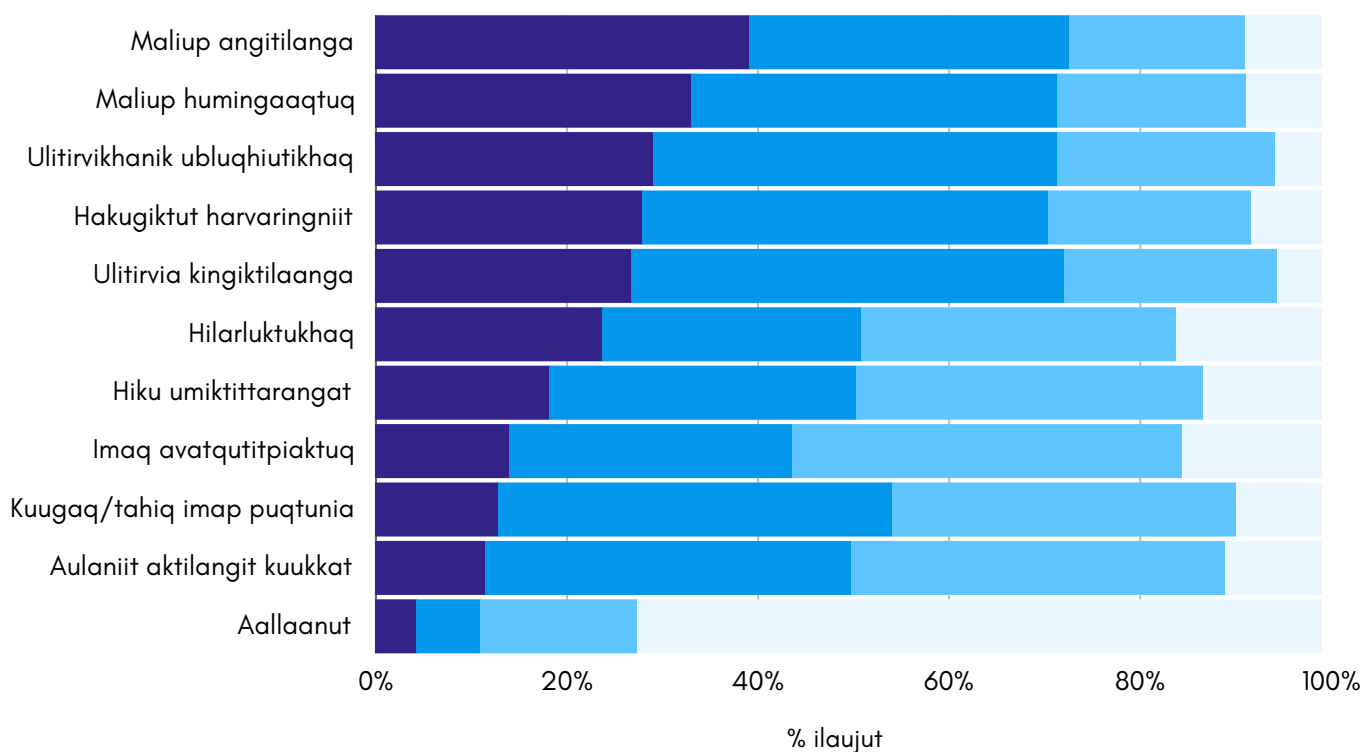
WEATHER CONDITIONS NUNAVUMMIUT PARTICIPANTS CHECK BEFORE THEY TRAVEL



WEATHER

Nunavummiut participants check many types of weather conditions before they travel on the land. Wind strength, whiteout, blowing snow, wind direction, low visibility, snowfall intensity, window of clear weather, and fog are the weather conditions most commonly considered "necessary" to check before travelling. It is important to note that many of these are associated with visibility. Participants who answered "Other" also check for blizzard warnings, cloudy conditions, wind speed on the water, and the size of snow flakes (small or large).

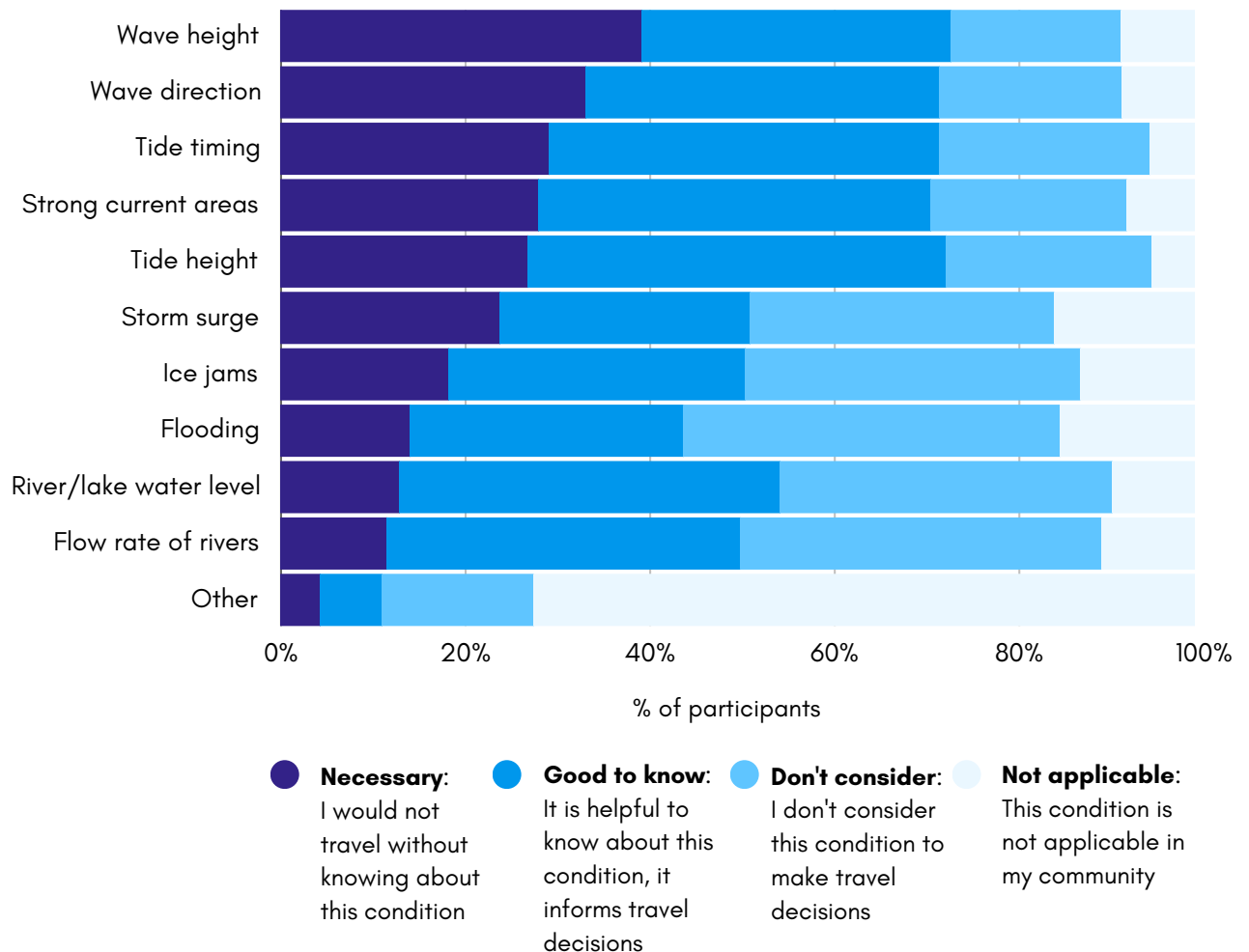
IMMAP QANURINIA NUNAVUNMIUT ILAUYUT NAUNAIYAKPAKTAT AULLAAKTINATIK



- **Piyakhauyuq:**
 Aullalimaittunga
 ilihimangittumik
 haffuminga
 qanurinniinnik
- **Nakuuyuq
ilihimayaangat:**
 Ikayuutauniaqtuq
 ilihimagiami
 uuminnga
 qanurittaakhaanik,
 naunaipkaqtauuyuq
 aullaarutikhait
 ihumaliurutingit
- **Ihumagihuirulugu:**
 Ihumagingitara
 una
 qanurittaakhaanik
 aullaarutikhait
 ihumaliuriami
- **Atuqtaulaittuq:**
 Una qanurinnia
 atuqtaungittuq
 nunagiyamni

Nunavunmiut ilauyut qiniqpaktait amigaitut qanuritut immap qanuriniit aullaagtinatik. Maliit kingiktilaanga, maliit humingaaktilangit, humungarangat ulitpauhia, tinitpauhianiklu hapkua imap qanurinia ihumagijauluaqtut "qauyimayakhait" naunaijaqpaktait hivuani aullaagtinnatik. Tapkununga uqaqtunut "Aallat" takuurivaktut imangniinik avatqutiniinik kuukkanik uvalu tahirnik, imaalu tariuqarnianik aktilaangit.

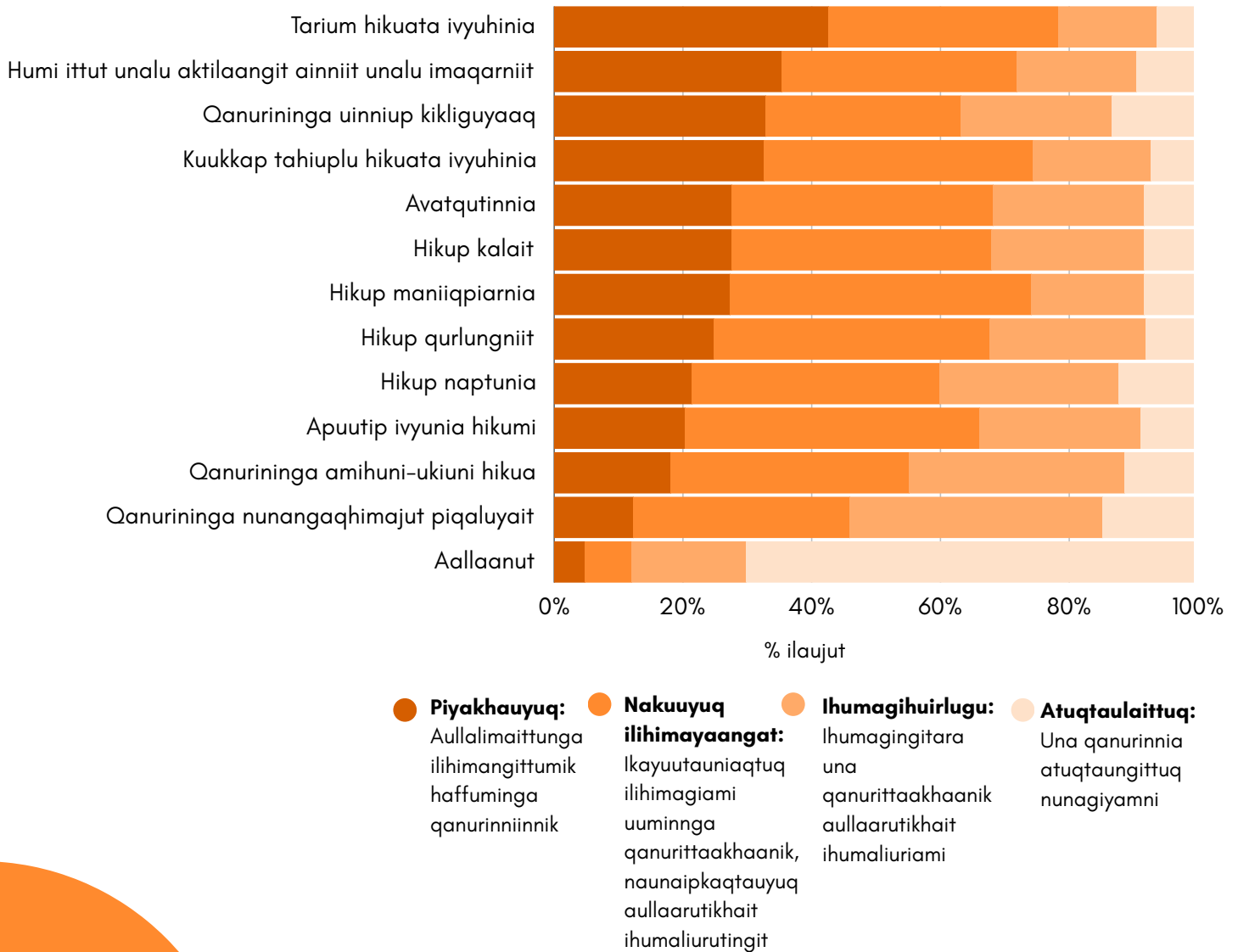
WATER CONDITIONS NUNAVUMMIUT PARTICIPANTS CHECK BEFORE THEY TRAVEL



Nunavummiut participants check many types of water conditions before they travel on the land. Wave height, wave direction, tide timing, and tide height are the water conditions most commonly considered "necessary" to check before travelling. Those who said "Other" also check slush and overflow on rivers and lakes, as well as salinity levels.

WATER

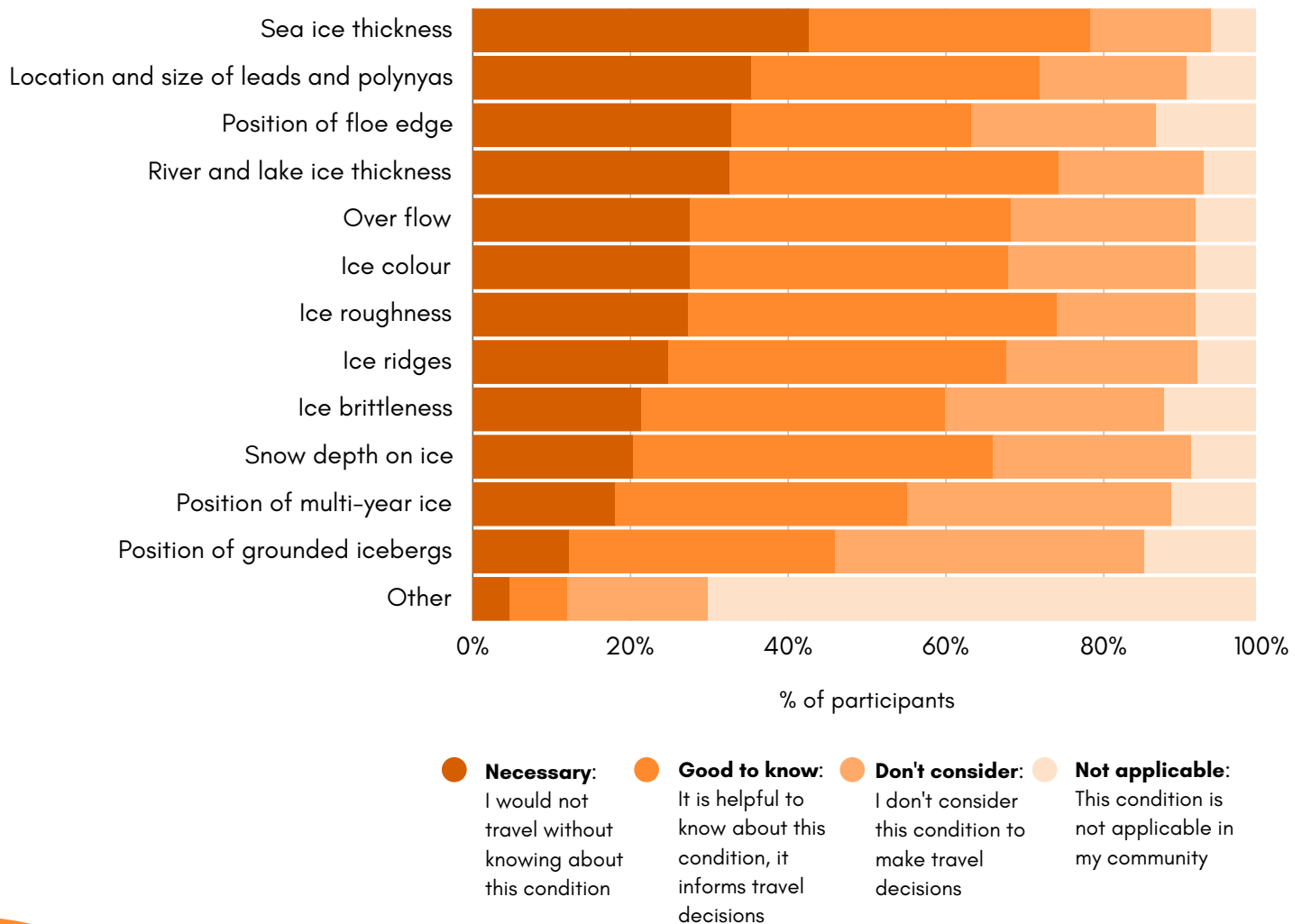
HIKUUP QANURINNINGIT NUNAVUNMIUT ILAUYUT NAUNAIJAKPAKTAT AULLAAKTINATIK



HIKUMI

Nunavunmiut ilauyut qiniqpaktait amigaitut hikup qanurinniit aullaagtinatik nunakkut, imakkut, tariup hikuagut, imaalu aputikkut. Tariup hikuata ivyuninga, humiitturlu imaalu aktilangagit ainniit ukualu uiniit hikuilruit, humi itut uinniup hinnaa hiku, kuugaq uvalu tahi q hikup ivyunia aktilaangit ainniit uvalu imaqarniit, hikua kalaa, hikulu hikup qanuriniatigut hikup maniilaqarniithapkuat ihumagiyaulluaqpaktut "atuqtauvaktut" naunaiktakhat hivuani aullaagtinnatik. Tapkua kitkut uqaqtut "Aallat" takuuktait qanuriniit humi hikut naptuyut kihimi natiruviktumit apunmit qangagut, naptunia hikup (imaa, imaktihimajuq qanga, imavaluinaq), uvalu tatukunnaittuq unghiktumut.

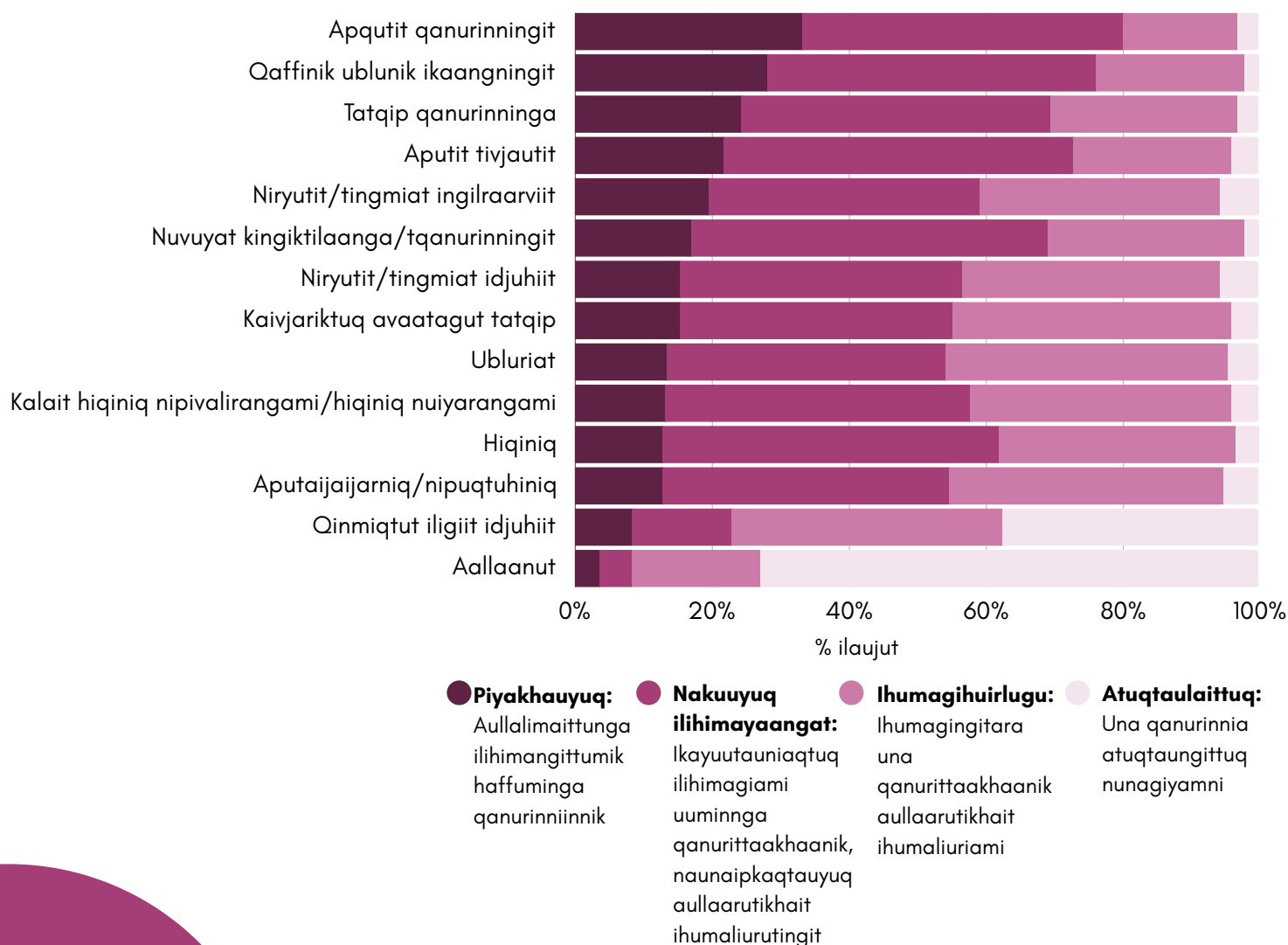
ICE CONDITIONS NUNAVUMMIUT PARTICIPANTS CHECK BEFORE THEY TRAVEL



Nunavummiut participants check many types of ice conditions before they travel on the land, water, sea ice, and snow. Sea ice thickness, location and size of leads and polynyas, the position of the floe edge, river and lake ice thickness, overflow, ice colour, and ice roughness are most commonly considered "necessary" to check before travelling. Those who said "Other" also check for situations where ice appears to be solid but is actually thin with blowing snow over it, the solidity of the ice (i.e. slushy, moisture), and low visibility.

ICE

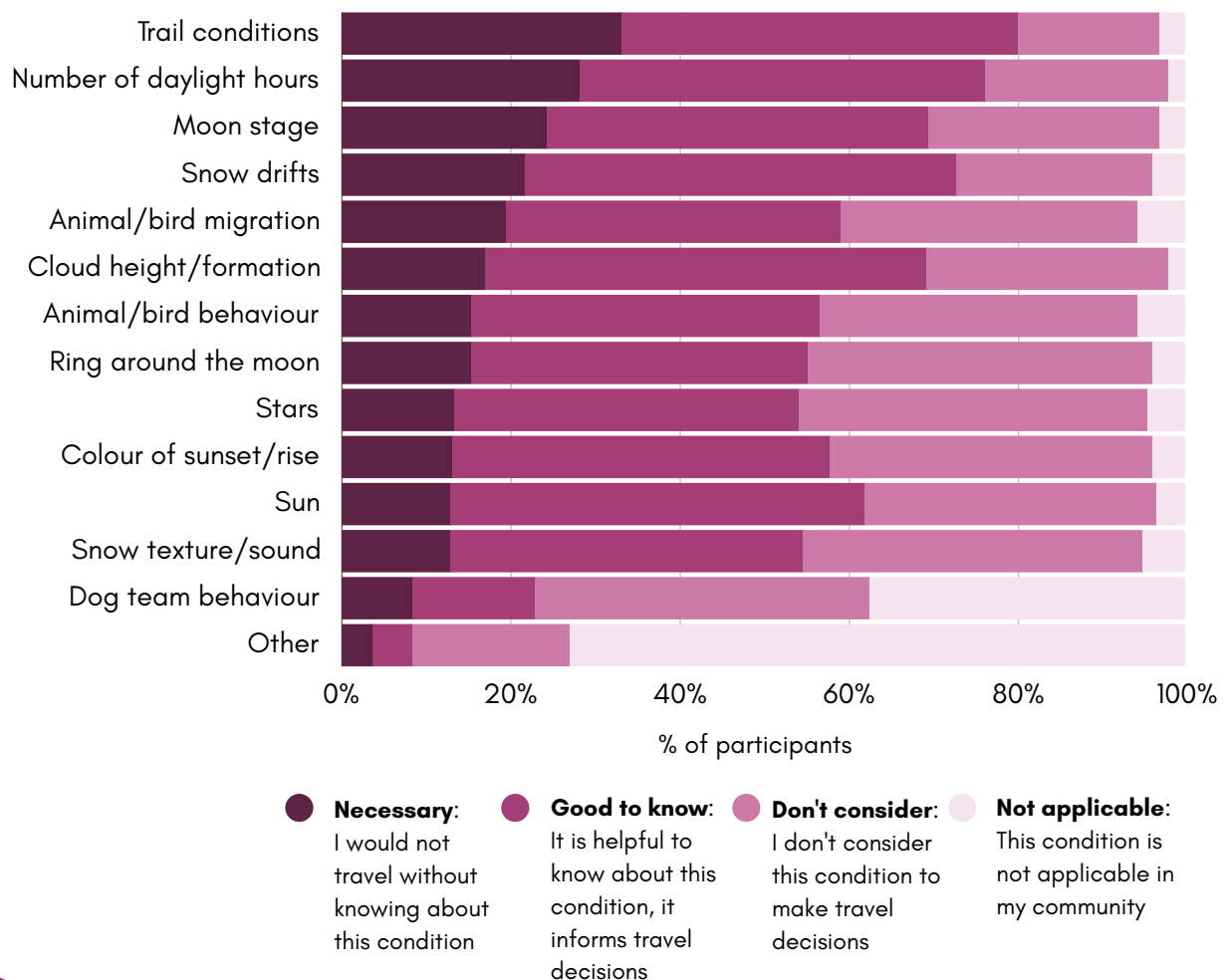
AALLAT HILAP QANURINIIT NUNAVUNMIUT ILAUYUT NAUNAIYAKPAKTAIT AULLAAKTINATIK



AALLAT

Nunavunmiut ilauyut qiniqpaktait amigaitut aallat hilahiutit qanuriniit aullaqaqtinatik nunamut, imakkut, tariup hikuagut, imaalu aputikkut. Apqutit qanuriniit, uvalu qaffiuniit ubluq qaumania ikaarniit humagiyauvaktut "ihumagijaujukhat" naunaiqtakhait aullaqaqtinatik. Tapkua kitkut kiuyut "Aallat" qiniqhugit ailarnaqhiyut, patukpaliqtut, anuqhilaqivaktut qilvahittut qirruqarniit, anurimit apitirniit humingaariakhainik, tatqiuq ingilraniit, nunaryuap uvinganianik, takuummania imaalu hiniqniup kalait, uvalu kigikhiuliqqata haunitik, uvalu qinmit uvalu huradjatlu inguutakpalliaqpata aadjikiivjaktutumik.

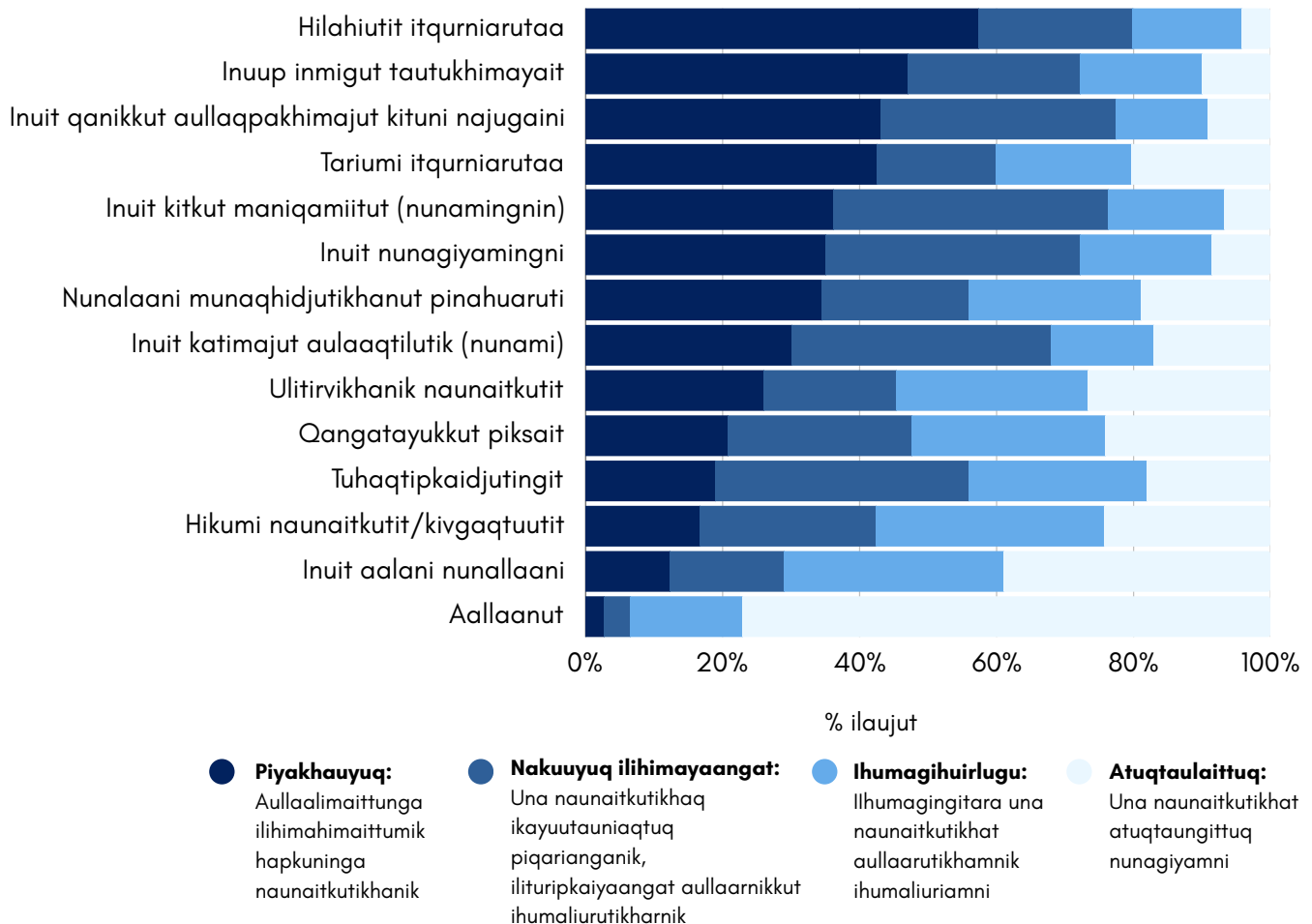
OTHER ENVIRONMENTAL CONDITIONS NUNAVUMMIUT PARTICIPANTS CHECK BEFORE THEY TRAVEL



OTHER

Nunavummiut participants check many other environmental conditions before they travel on the land, water, sea ice, and snow. Trail conditions, and number of daylight hours are the conditions most often considered "necessary" to check before travelling. Those who answered "Other" also check for humidity, frost, winds on higher mountain peaks or mountain ranges, snow drift direction, the lunar cycle, earth's axis, the look and colour of the sun, the horizon colours, if they feel pressure in their bones, and if dogs and wildlife move in similar ways.

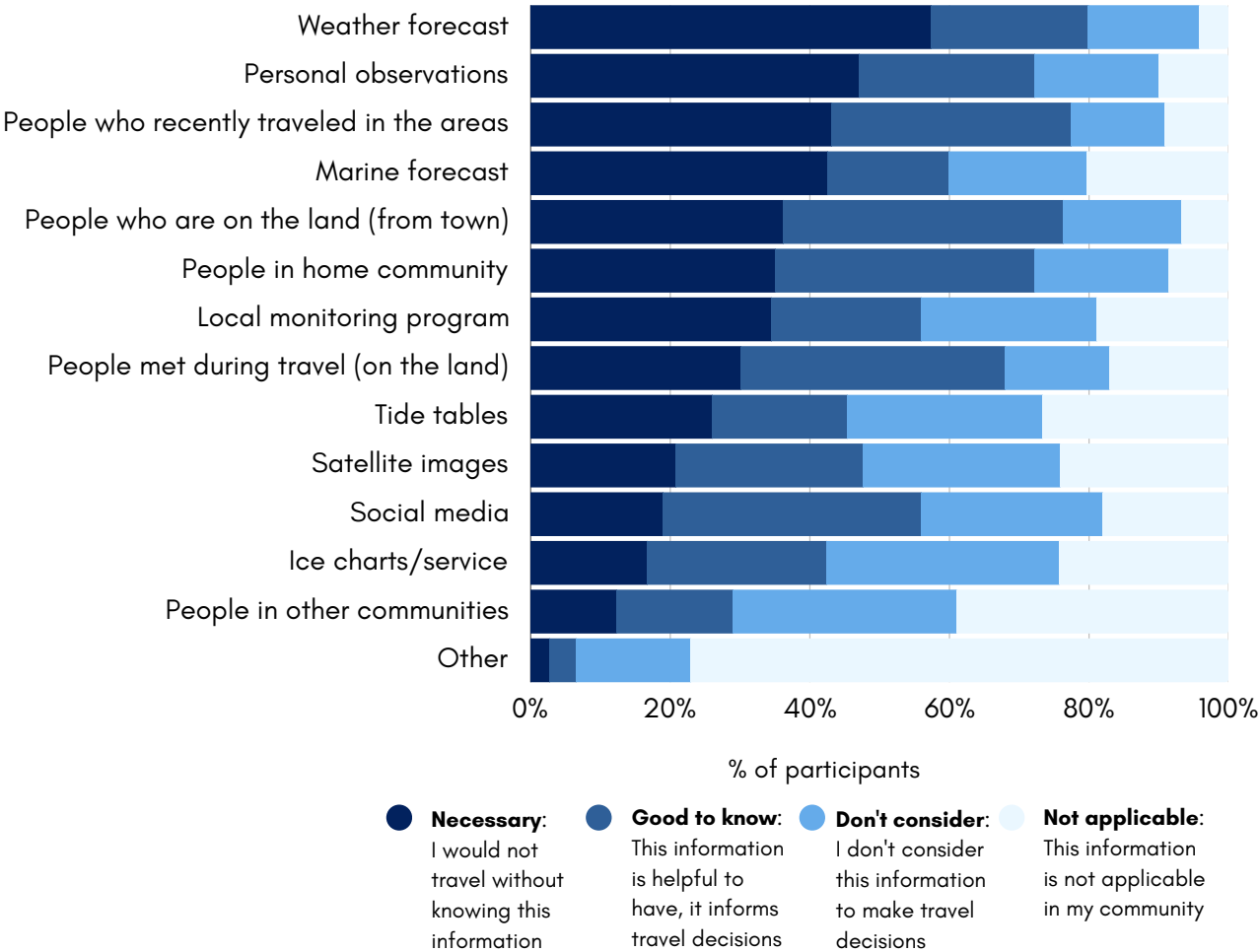
NAUNAITKUTIKHATIK IKAJUUTKHAIT NUNAVUNMIUT ILAUYUT ATUQTAIT UPALUNGAIJAILIRAANGATA AULLAARNAHUAQHUTIK



Taima upalungaiyarlirangamik aullaarumaplutik, Nunavunmiut ilauyut pittaaqtut amigaitunik atuqtakhanik hilahiutikkut naunaiqtakhanik aullaqaqtinatik nunamut. Hilahiutit itqurniarutait, inmikkut tautuktait, inuit aullaahaqtut tahamani nayuugaani, uvalu imakktut itqurniarutait naunaitkutikhat ikajuutit tapkua ilauyut ihumagiluaqtakhait "qauyimayakhait" naunaijaqtaktait aullaqaqtinnatik.

Hilahiutit Itqurniarutait qulaani malruuk ikayuutik tapkua ilauyut ihumagivaktait "qauyimayakhait" naunaiqtakhait aullaqaqtinatik, tamaini nunallaani kihimi Kangiqtugaapingmi (imaatut ittuq 8th). **Inuit qanikkut aullaqpaktut nunamut** ihumagiyauyut "qauyimayakhait" naunaiqtakhait hapkunanga hilahiutit itqurniarutait, Arviani, Iqaluktuutiami, Kangiqtugaapingmi hamanilu Sallirmi. **Tariumi itqurniarutait** quuliuyut pingahut ihumagiyauyut "qauyimayakhait", Iqaluktuutiami Mitimatalingmilu, **tinitpagviit ulitparviitlu naunaitkutait** quuliuyut pingahut Iqalungni. Nunamingni munariyauyukhat pinahuarutit quuliuyut pingahut hapkunani Arviani, Sallirmi, Sanikiluamilu.

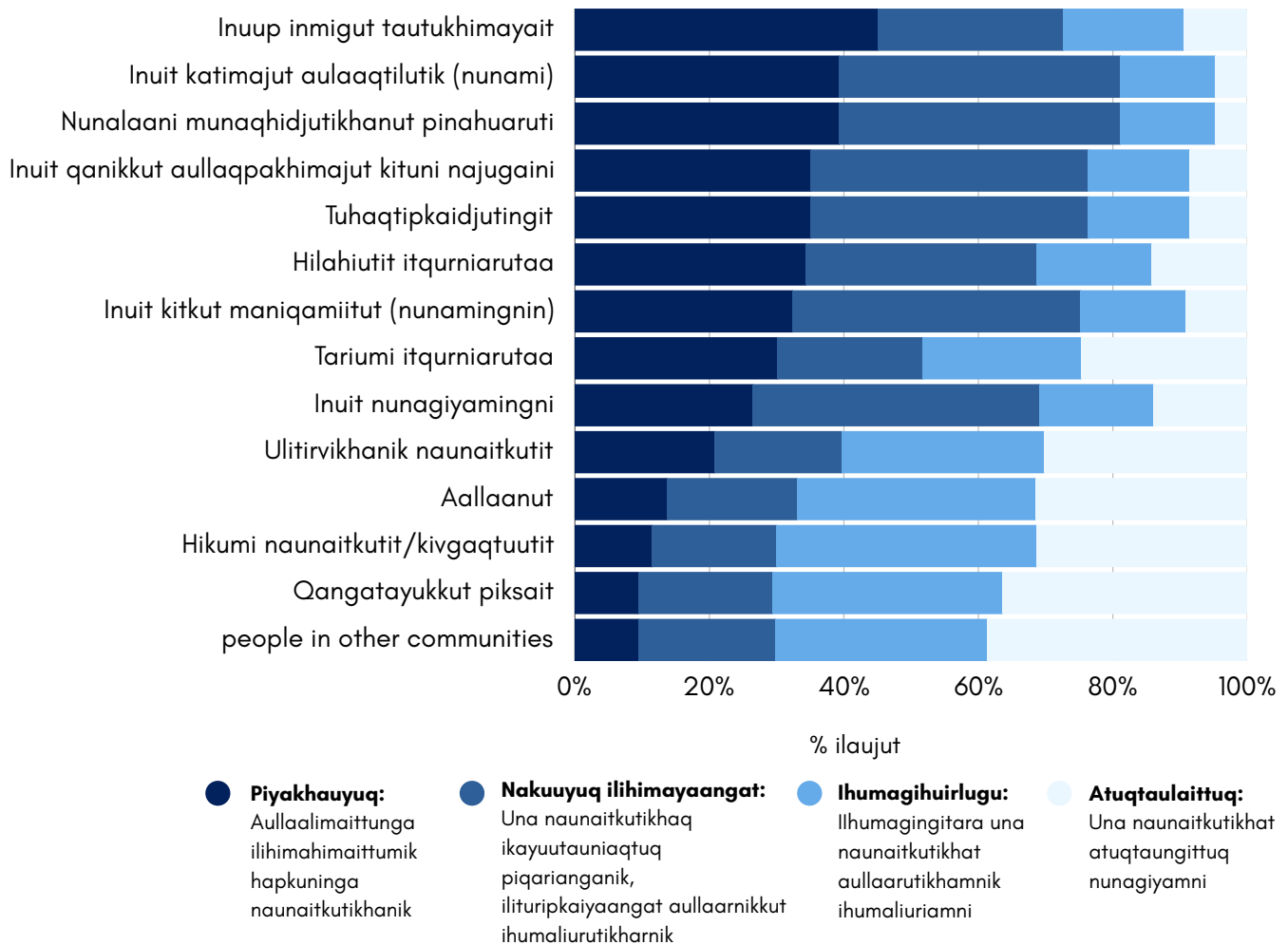
INFORMATION SOURCES NUNAVUMMIUT PARTICIPANTS USE WHEN PLANNING A TRIP



When planning a trip, Nunavummiut participants access many sources of environmental information before they travel on the land. Weather forecast, personal observations, people who recently travelled in the area, and marine forecast are the sources that participants most often consider “necessary” to check before travelling.

Weather forecast is in the top two sources that participants most often consider “necessary” to check before travelling, in all communities except Clyde River (where it is 8th). **People who recently traveled in the area** are considered “necessary” to check more often than weather forecast, in Arviat, Cambridge Bay, Clyde River, and Coral Harbour. **Marine forecast** is in the top three considered “necessary”, in Cambridge Bay and Pond Inlet, and **tide tables** is in the top three in Iqaluit. **Local monitoring programs** is in the top three in Arviat, Coral Harbour, and Sanikiluaq.

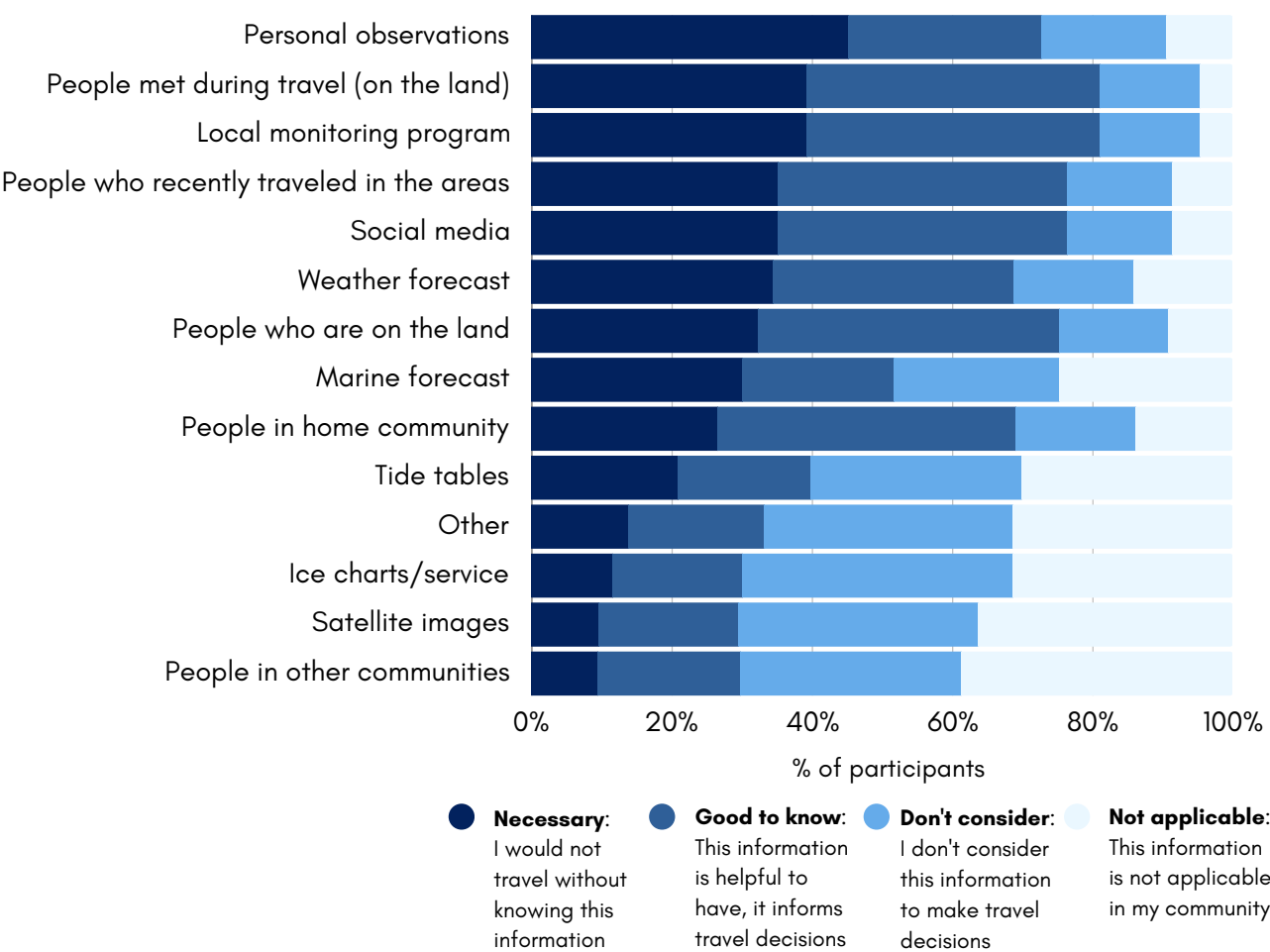
NANUAUQHIVIKHAT IKAYUUTIT NUNAVUNMIUT ILAUYUNUN ATUQTAKHAIT AULLARAUGUMIK NUNAMUT



Maniqqamut aullaqhimajarangamik, Nunavunmiut ilauyut pillahiyut amihunik atuqtakhanik avatimut naunaitkutainik. **Inuup tautuktait** pivikhat ilauyut ihumagilluaqpagaat: "qauyimayakhait" naunaiqtakhait aullaagtinnatik. **Aallat ikayuutit** kangiqhidjutikhatik ihumagiyauvaktut "qauyimayakhait" ilauyut: inuit katimajut aullaqtilutik, nunamingni munaqhiyut pinahuarutit, inuit kitkut qanikkut aullaagtut nayugaani, inungnun tuhaqtitinikkut, hilahiutit itqurniarutait, inuit kitkut maniqqamiittut, tariumi itqurniarutait, inuit nunamingni ittut, uvalu tinitpagviit ulitparviitlu naunaitkutait.

Naunaittuq upalungaiyaliraangat aullaarahuaqtut (**takulugu makpiraanga 33**) hilahiutit itqurniarutait unalu inuup tautuktakhangit naunaiqtakhat pivikhangit ilauyut ilaani ihumagilluaqtukhat qauyimayakhait naunaiqtakhait, kihimi humi nuna inuup tautuktangit naunairutauvaktut pivikhangit naunaitkutainik. Taimaali, maniqqamiitilugit, ilauyut kikliqaqtut uvaluuniin piinariaqangitut qaritauyakkut hunanik, apiqhiyukhatlu kinamik (nunamingniittumik) pidjutyanginni inmingnun.

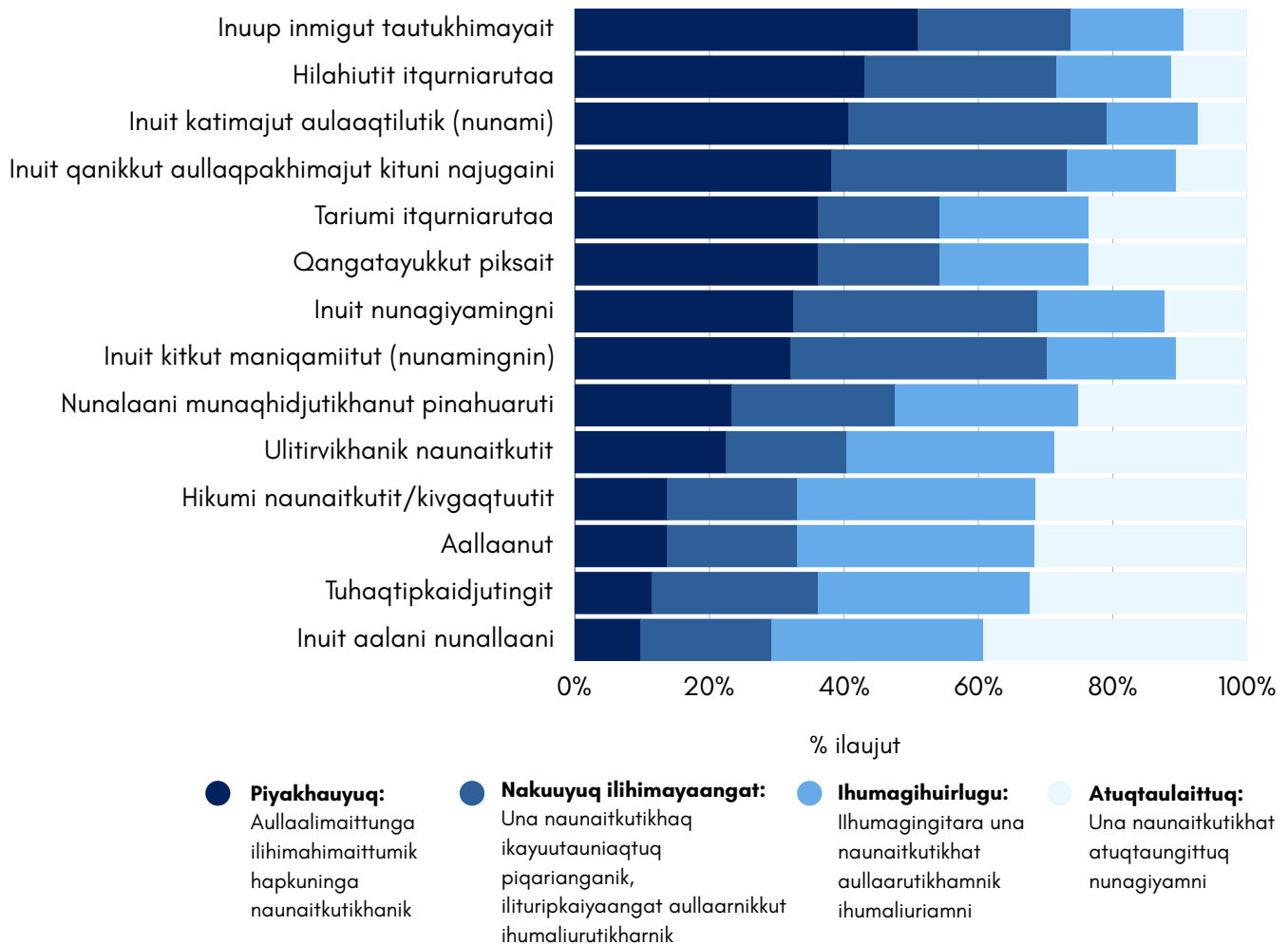
INFORMATION SOURCES NUNAVUMMIUT PARTICIPANTS USE WHEN ON THE LAND



When on the land, Nunavummiut participants access many sources of environmental information. **Personal observations** is the source that participants most often consider “necessary” to check before travelling. **Other sources of information** also commonly considered “necessary” include: people met during travel, local monitoring programs, people who recently traveled in the areas, social media, weather forecasts, people who are on the land, marine forecasts, people in their home community, and tide tables.

It is notable that when planning a trip (**see page 33**) weather forecast and personal observations are the information sources participants most often consider necessary to check, but when on the land personal observations are the mostly commonly accessed source of information. This is because, while on the land, participants have limited or no access to online products, and must ask someone else (in town) to access it for them.

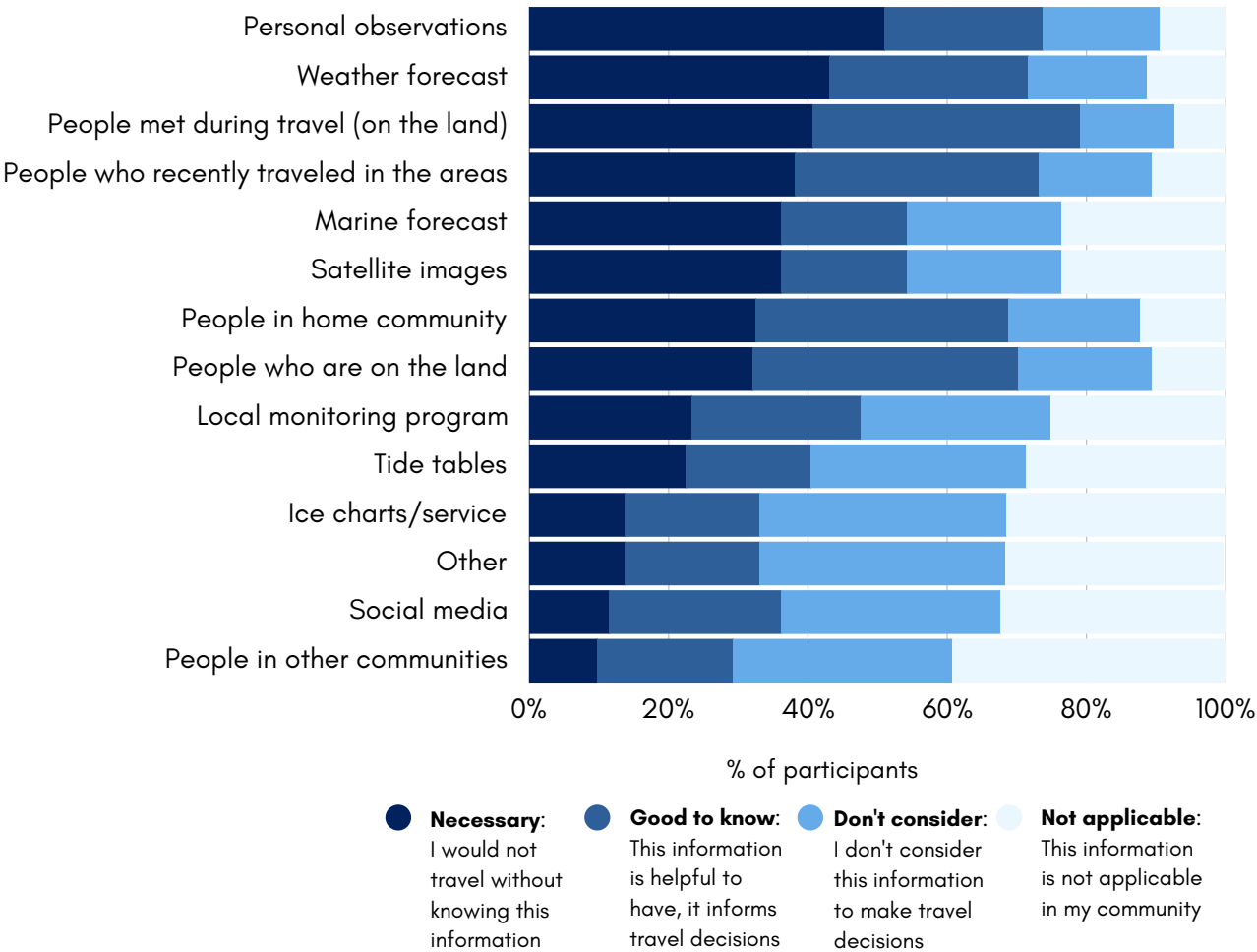
NANUAUQHIVIKHAT IKAYUUTIT NUNAVUNMIUT ILAUYUNUN ATUQTAKHAIT UTIRUMIK AIHIMAVINGMINGNUN



Taima utilirumik aihimavingnut, Nunavunmiutat ilauyut pivikhat amigaitunik pivikhainik hilahiutitut naunairutikharnik. **Inuup tautuktait, hilahiutit itqurniarutait, uvalu inuit katimajut aulaaqtilugit nunamun** tapkua ilauyut ihumagiluaqtait "qauyimayakhait" naunaiqtakhait aullaagtinatik. Inuit qanikkut aullaagtut najugaani, tariumi itqurniarutait, qilainaqhiut piksait, inuit nunamingni, inuit kitkut maniqqamiitut, nunamingni munaqhiyut pinahuarutit, uvalu initpagviit ulitparviitlu naunaitkutait ihumagiyayut "qauyimayakhait" naunaiqtakhait aullaagtinatik.

Naunaittuq tamna, aadjikkivyaktut inuit upalungaiyalirangata aullarahuaqhutik (**makpirnia 33**), inikkut tautuktainik hilahiutit itqurniarutait naunaitkutikhat ihumagiyayukhat "qauyimayakhait" naunaiqtakhait. Anginiqaqtuq naunairiami maniqqamiititutik, ilauyut kikliqaqtumik imaaluuniit pilimaittunaqhiyut qaritaujakkuurutinik, apiqhiyukhayut kinamik (nunagiyamingni) piyukhat qaritaujakkuurunmik hunanik ilitturuyumagumik.

INFORMATION SOURCES NUNAVUMMIUT PARTICIPANTS USE WHEN RETURNING HOME

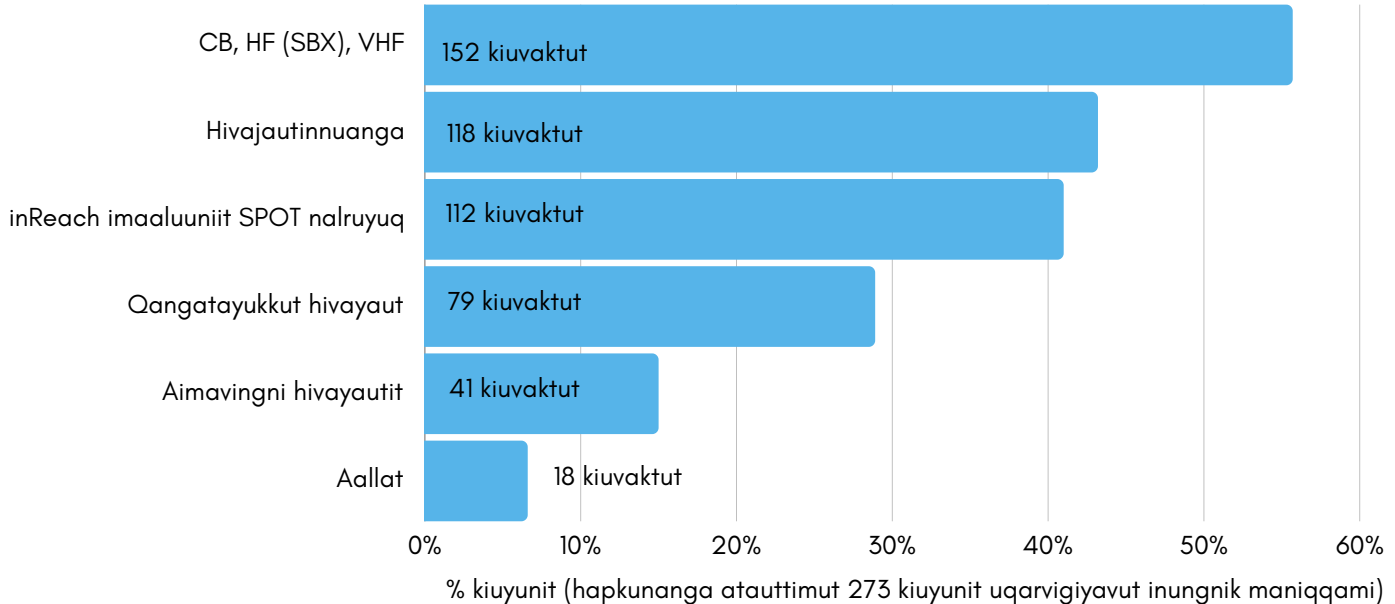


When planning to return home, Nunavummiut participants access many sources of environmental information. **Personal observations, weather forecasts, and people met during travel on the land** are the sources that participants most often consider “necessary” to check before travelling. People who recently traveled in the area, marine forecast, satellite images, people in their home community, people who are on the land, local monitoring programs, and tide tables are also often considered “necessary” to check before travelling.

It is notable that, similar to when people are planning a trip (**page 33**), personal observations and weather forecasts are the information sources most often considered “necessary” to check. It is important to note that while on the land, participants have limited or no access to online products, and must ask someone else (in town) to access it for them.

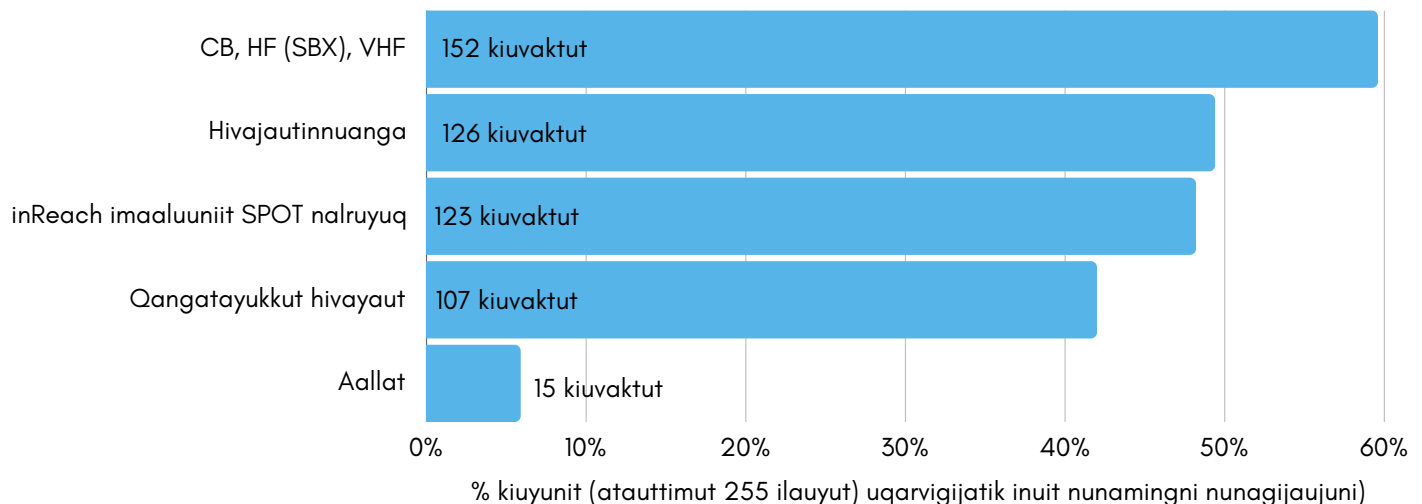
UQAQATIGILUGIT NUNALLAANI ILITTURIPKAIDJUTIKHAT

Qanuriliurutikhangit kiuvakhimayut hivayarianiganik inungnik nunamiuttynik aihimatillutik nunamingni



Kiuvaktut hivayaqtait inuit nunami apiqhiplutik hilap qanurinniinik, inmik ititlutik, atuqpaktait naalautit (CB, HF(SBX), VHF), tiguumiat hivayautit, ukualu InReach unaluuniit SPOT uqarvigiplugit titirarvigiplugitluuniit. Tapkua kitkut uqaqtut "Aallat" katimaqatigilugit inuit uparlugit (takuyaqturlugu, uvaluuniin uqaqatigilugit), aturlugit Zoleo, uvaluuniin aalla inuk nunallaami uqarvigilugit.

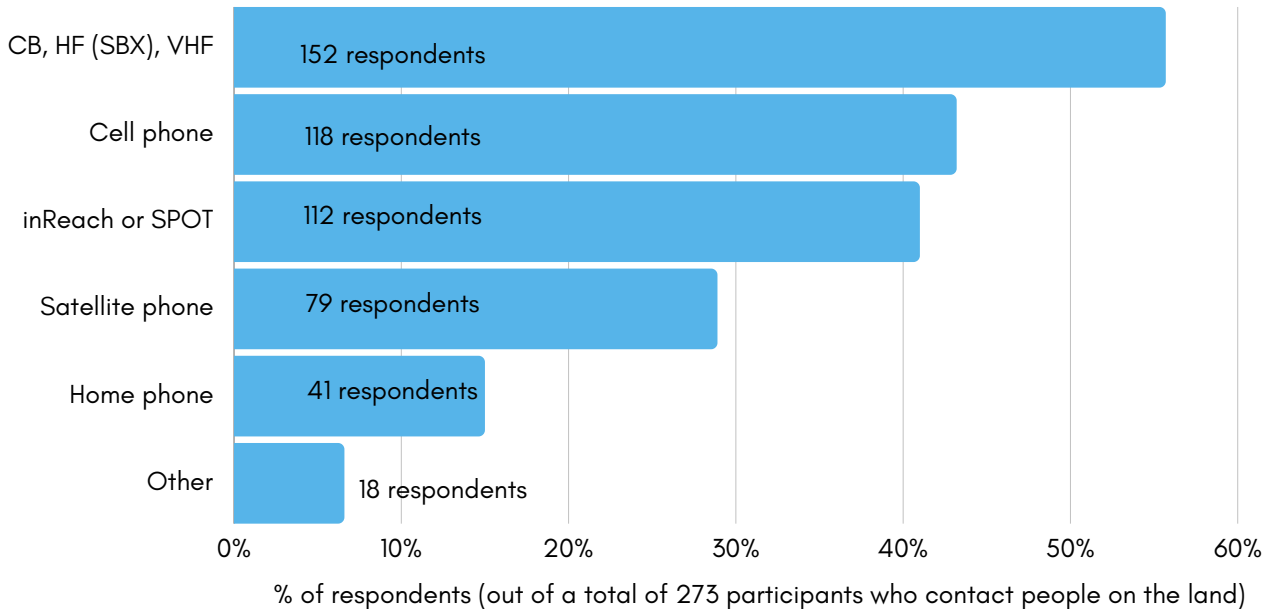
Qanuriliurutikhangit kiuvaktunut uqarvigilugit inuit nunamingni maniqqamiitlutik



Kiuvaktut uqarvigiyakhait inuit nunamingni apiqhilutik hilap qanuritaakhanik, inmik maniqqamiitlutik, atuqpakhugillu naalautit (CB, HF(SBX), VHF), tiguumiat hivayautit, unalu InReach unaluuniit SPOT titirautigiplugit. Kiuvaktut kiuyut imaatut "Aallat" takuvaktaillu inuit takuyaqtuqhugit, uvaluuniit atuqhutik imaittumik Zoleo.

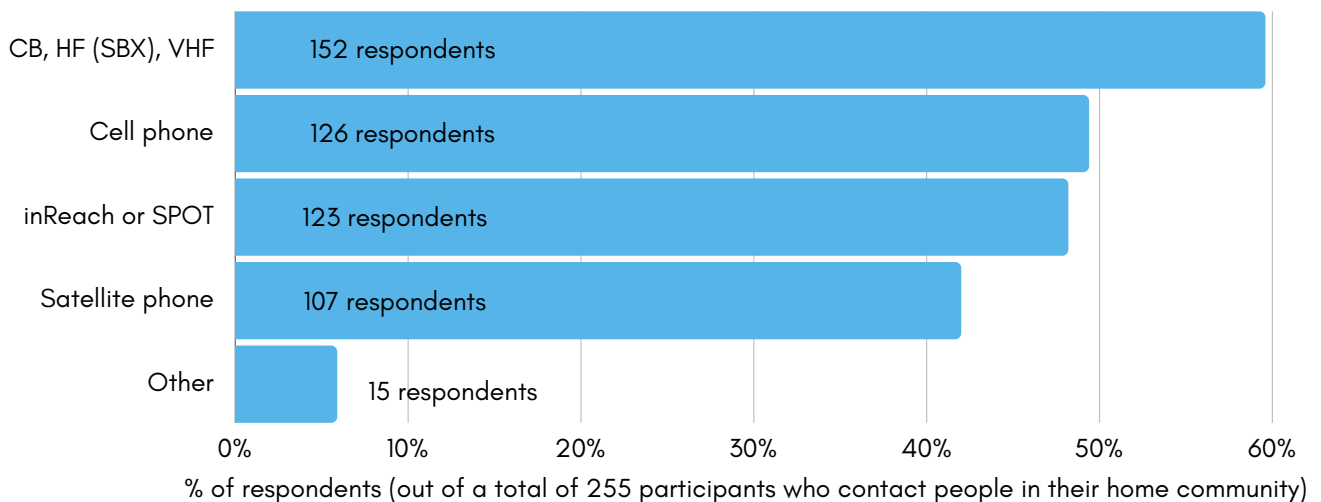
CONTACTING COMMUNITY INFORMATION SOURCES

Ways that respondents contact people on the land while they are in their home community



Respondents who contact people on the land to ask about environmental conditions, while they themselves are in their community, mostly use short-wave radios (CB, HF(SBX), VHF), cell phones, and inReach or SPOT to contact them. Those who said "Other" meet people in person (go find them, or wait to talk to them), use Zoleo, or another person in town would contact them.

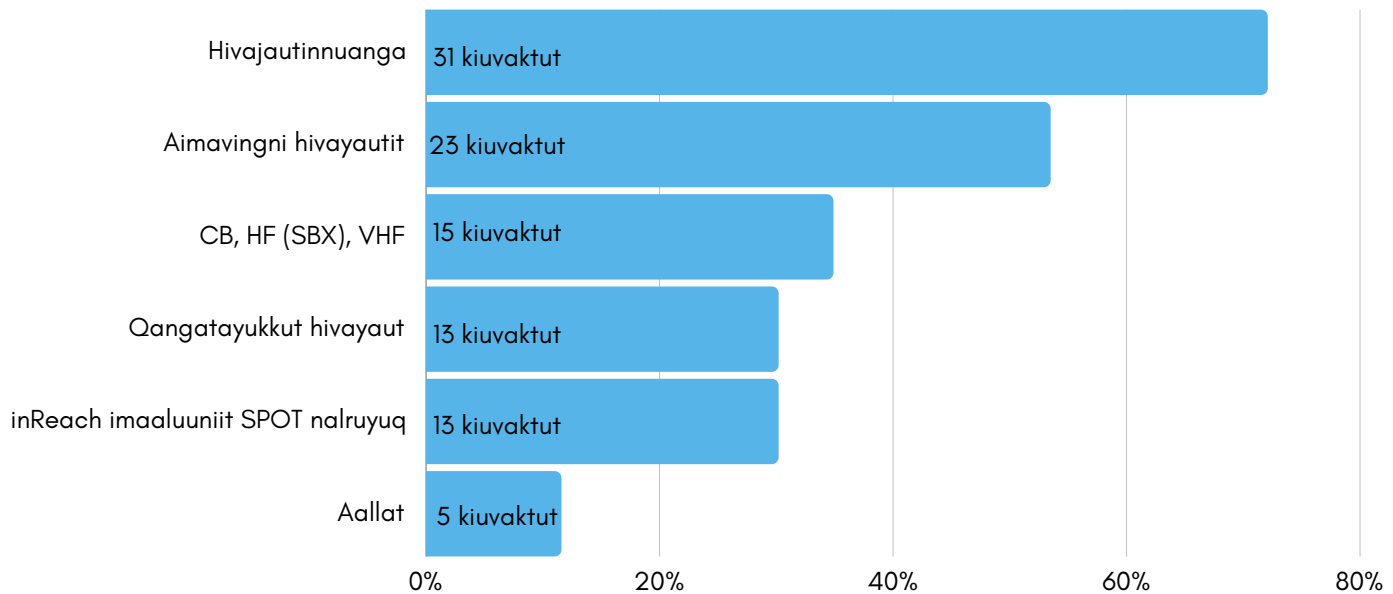
Ways that respondents contact people in their home community while on they are on the land



Respondents who contact people in their home community to ask about environmental conditions, while they themselves are on the land, also mostly use short-wave radios (CB, HF(SBX), VHF), cell phones, and inReach or SPOT. Respondents who answered "Other" also meet people in person, or use Zoleo.

UQAQATIGILUGIT NUNALLAANI ILITTURIPKAIDJUTIKHAT (AULAHIMAAQTUQ)

Qanuriliurutikhangit kiuvaktunut uqarvikhat inuit aallani nunallaani



% kiuyunit (atauttimut 43 ilauyut) uqarvigijatik Inuit ahiini nunagijaujuni

Kiuvaktut hivayaqtait inuit aallanni nunallaani apiqhilutik hilap

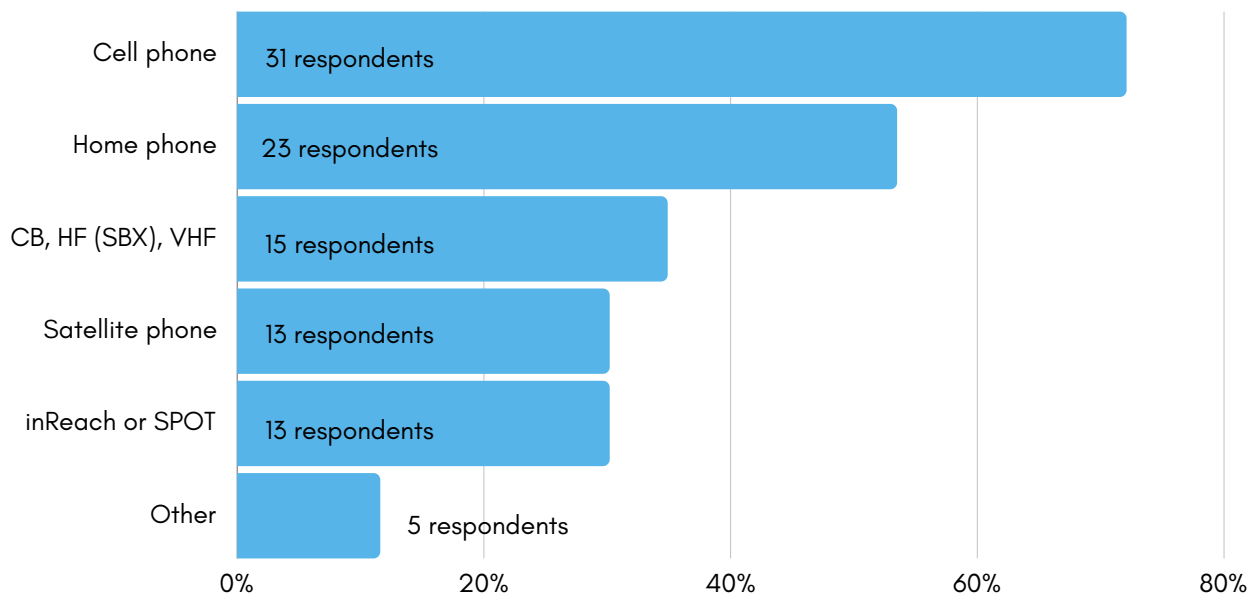
qanurinniinnik atuqpaktut tiguumiat hivayautinnuanik imaalu iglut hivayutamik hivayakhugit uqarvigiyanginik. Kiuvaktut kiuyut imaatut "Aallat" uqaqtut hivayaqtut inungnik aallannit nunallaanit takugumikkik maniqqami, taimaalu tikitkumik aallannut nunallaanut.

Aallat nunallaat uqaqatigijait hamma:

- **Arvianit:** Qamaniittuaq, Kuukyuaq, Kangirliniq unalu Tikirajuaq;
- **Iqaluktuuttiमित:** Kugluktuk, unalu Urhuqtuuq;
- **Kangiqtugaapingmit:** Nunallaat titiraqhimanngettut;
- **Sallirmit:** Naujaat hamani lu Kangiqlinirmi;
- **Uqhuqtuumit:** Taloyoak hamani lu Iqaluktuutiami;
- **Iqalungnin:** Kimmirut, Pangnirtung, Qikiqtarjuaq, hamani lu Kinngait;
- **Mittimatalingmit:** Ikpiarjuk, Kangiqtugaapik, Iglulik, unalu Sanirajak; unalu,
- **Sanikiluarmit:** Nunallaat titiraqangittut.

CONTACTING COMMUNITY INFORMATION SOURCES (CONTINUED)

Ways that respondents contact people in other communities



Respondents who contact people in other communities to ask about environmental conditions mostly use cell phones and home phones to contact them. Respondents who answered "Other" said they contact people from other communities when they meet them on the land, and when they get to other communities.

The other communities contacted are:

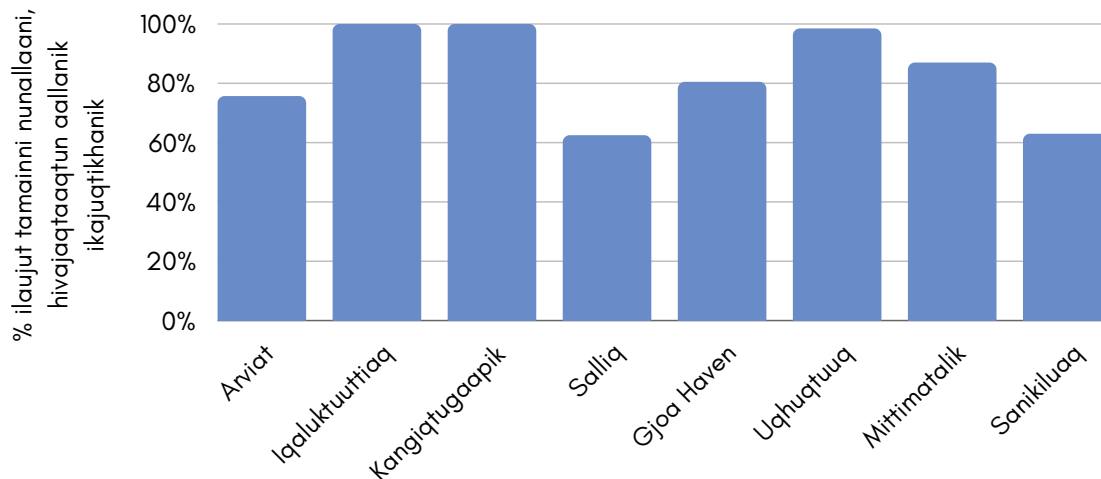
- **From Arviat:** Baker Lake, Churchill, Rankin Inlet, and Whale Cove;
- **From Cambridge Bay:** Kugluktuk, and Gjoa Haven;
- **From Clyde River:** No communities listed;
- **From Coral Harbour:** Nauyasat and Rankin Inlet;
- **From Gjoa Haven:** Taloyoak and Cambridge Bay;
- **From Iqaluit:** Kimmirut, Pangnirtung, Qikiqtarjuaq, and Kinngait;
- **From Pond Inlet:** Arctic Bay, Clyde River, Igloodik, and Sanirajak; and,
- **From Sanikiluaq:** No communities listed.

UQARVIGIPLUGIT AALLAT IKAYUQTIKHAMINGNIK



Nunavunmiut ilauyut angilrangitpata uvaluuniin oyaqqurumik maniqqamiitutik, 83% (hapkunanga 360) hivayaqtaaqutut ikayuqtikhamingnik.

UQAQATIGILUGIT AALAT IKAYUQTIKHARNIK NUNALLAATIGUT

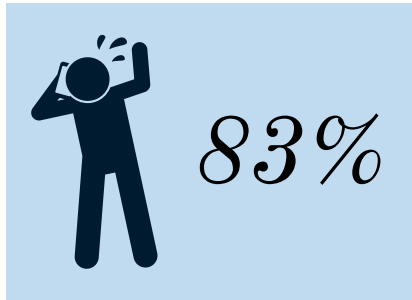


Iqaluktuutiami hamnilu Kangiqtuqaapingmi, 100% ilauniaqtun uqarvigiinnarialgit aallat ikayuqtikhailiurumik angilraulimairumik maniqqamiititlutik imaaluuniit piyaqqurumik aannirumikluunniit nunami aullaqtitlutik. Una aallanngayuyq aallannit nunallaanit talvani ilangit ilauyut uqaqtut hivayalimaittut ikayuqtikhamingnik. Naunaitut, tamangni Sallirmi hanailu Sanikiluami, 63% ilauyut uqaqtut hivayalaaqtut ikayuqtikhamingnik, kihimi hapkunani Arviat (75%), Mittimatalingmi (87%), Iqalungni (99%) hivayalaaqtut ikayuqtikhamingnik piyariaqarangamik.

Anginiqaqtuq naunairiami amihuni nunallaani, piqaqtut kitunik aturvikhanik hapkuninga SPOT atuqtakhamik* nunamingni timiqutigiyayumit. Kihimi, ilangit ilauyut pilimaitait hapkua hunat aalakiinun qanuriniinun, uktuutigilugu: ilihimangittut SPOT atuqtaullayut, uvaluuniin timiqutigiyayut angmaumangittut aturvikhatik imaittumik SPOT.

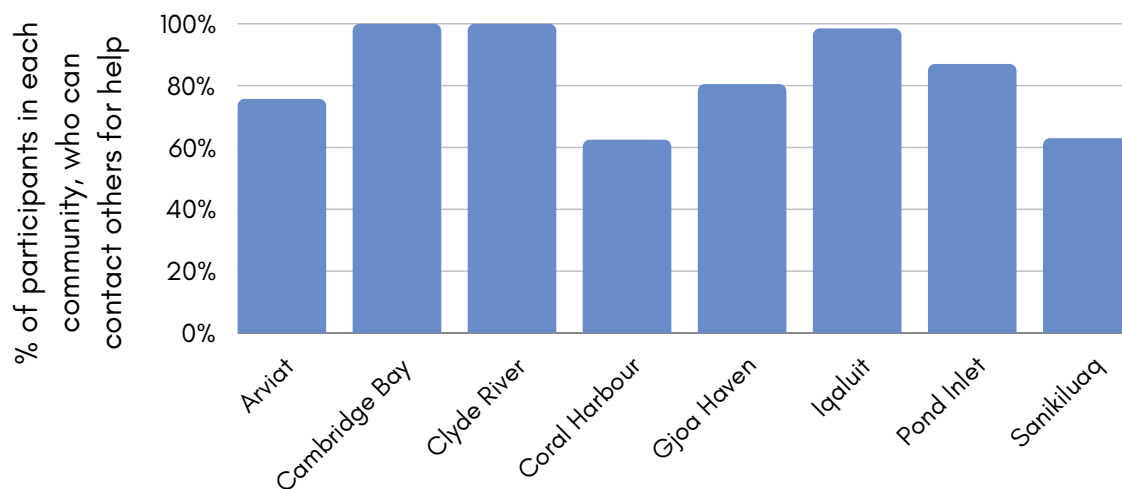
*SPOT maaniitpungaarutit atuqpaktut qilainaqhiut qaritaulyaliqidjutikharnik naunaiqhiyangat huumiitakhanik, tuyurianganik pivikhatlu tuhaqtidjutikhanik, ilituripkaiyaangat qiniqhiayukharnik anaktuiyukharniklu amigaqhuutiqaqqan.

CONTACTING OTHERS FOR HELP



If Nunavummiut participants get stranded or have an accident on the land, 83% (out of a total of 360) can call for help.

CONTACTING OTHERS FOR HELP BY COMMUNITY



In Cambridge Bay and Clyde River, 100% of participants said they can contact others for help if they get stranded or have an accident on the land. This is in contrast to the other communities where some participants said they cannot call for help. Notably, in both Coral Harbour and Sanikiluaq, only 63% of participants said they can call for help, compared to Arviat (75%), Pond Inlet (87%), and Iqaluit (99%) who are able to call for help when needed.

It is important to note that in many communities, there are options to borrow a SPOT device* from a local organization. However, some participants may not access these devices for a range of reasons, for example: they are not aware a SPOT can be borrowed, or the organization is not open when they need to borrow a SPOT.

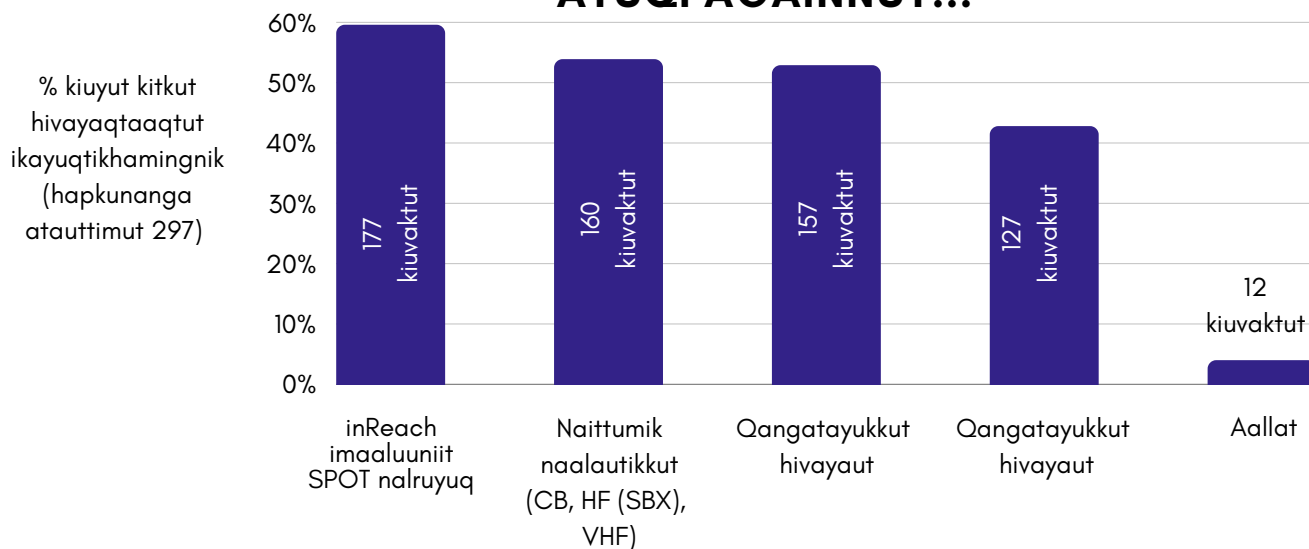
*SPOT devices use satellite technology to enable location tracking, sending and receiving messages, and notifying search and rescue if there is an emergency.

UQARVIGIPLUGIT AALLAT IKAJUQTIKHAMINGNIK (AULAHIMAAQTUQ)

Hapkunanga 297 kiuyunin hivajaqtaaqut ikajuqtikhamingnik, hivajarniaqtait ilagijait (89%), ilannailluunniit (59%), ilangitlu hivajarniaqtait nunallaami qinirhiajiit (SAR) (46%) ikajuqtaujumajun. Kiujutiqaqtut hivayarniaqtait Anguhiqiyitkut Katimayiralaat/Timiquitigiyaayut (12%), Nunavunmi Amigarnaqtunut Munaqhiyit (11%), Canadian Rangers (8%). Tapkua kitkut uqaqtut "Aallat" (8%) hivayangniaqtut maniqqami, havaqatimingnik uvaluuniin atan'nguyamingnit, qaptirijiit akhaluutiqarviat, qanitut anguniaqtit, Pilihimat, Annguhiqijikkut Havagviat, uvalu/uvaluuniin annguunahuaqtanik.

Ilauyut hivayarniaqtait ilaruhirmingnik ilanatikluuniin hivullirmik mikitqiyaukpata piyaqtuutigiyatik, imaatun ikayuqtikhailiurumik, ingniqutairumik, uvaluuniin aulablutik uqhuitigumik. Pidjutigiyat ilamingnik ilanamingniklu uvalu qanurunaangnaitumik hivayarmatigik ikayuqtikhatik. Ilauyut hivayarniaqtait timiquitigiyaayut tahapkuat nunallaani SAR, Anguhiqiyitkut Katimayit/Timiquitigiyaayut, ukualu Nunavunmi Amigaqhurnikkut Munaqhiyut angitqiamik piyaqqurumik (amigaqhurnikkut qanurinia).

HIVAJARLUTIT IKAJUQTIKHARNIK KIUJUNUT ATUQPAGAINNUT...



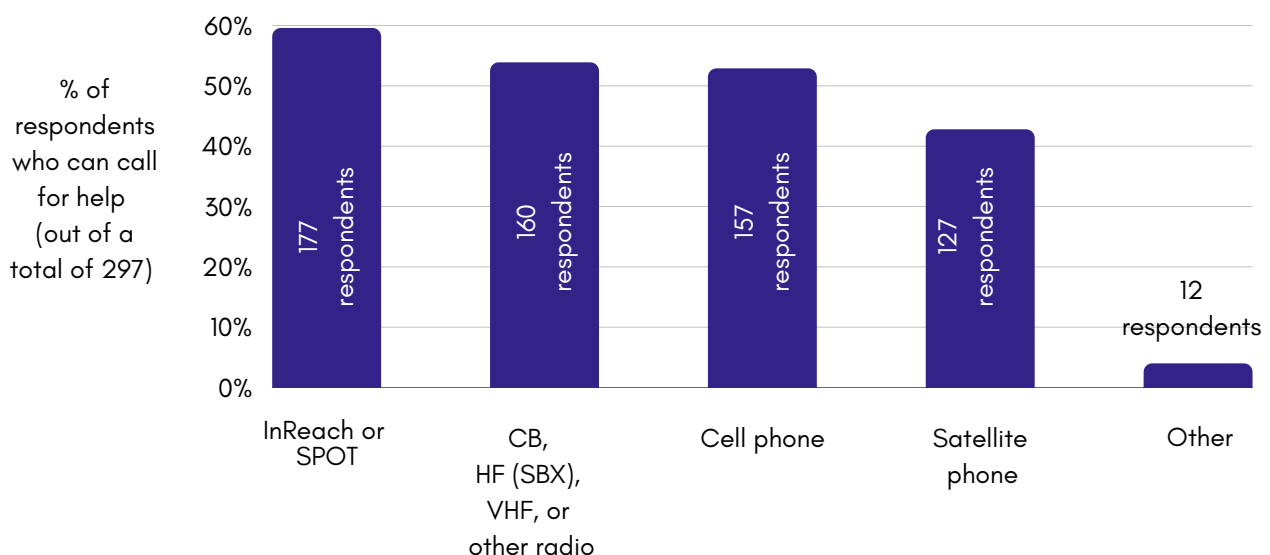
Hapkunanga kiuvaktunit hivayainnariaqaqtut ikayuqtikhamingnik, atuinnaqpaktut hapkuninga inReach unaluuniit SPOT (60%). Atuqpaktutlu hapkuninga naalautit (CB, HF(SBX), VHF), tiguumiat uvaluuniin qilainaqhiut hivayautit. Kiuvaktut kiuhimayut imaatut "Aallat" atuqpaktait Zoleo, hivayaqtut qanittuani an'nguniaqtunit, imaalu/imaaluunniit ihuaqhailutik takuqhiqattarlutik ilamingnut hivayaqpaktut SAR-kunut uqarvigingitkumik.

CONTACTING OTHERS FOR HELP (CONTINUED)

Of the 297 respondents who can call for help, most would call a family member (89%), or friend (59%), and some would call local search and rescue (SAR) (46%) for help. Respondents would also call the Hunters and Trappers Association/Organization (12%), Nunavut Emergency Management (11%), or Canadian Rangers (8%). Those who said "Other" (8%) would call base camp, co-workers or supervisor, the fire hall, nearby hunters, Royal Canadian Mounted Police, Wildlife Office, and/or pray.

Participants will call a family member or friend first when smaller incidents occur, such as if they get stuck, their machinery breaks down, or they run out of fuel. This is because they are closely connected to their family members and friends and feel more comfortable contacting them for help. Participants will call organizations such as local SAR, the Hunters and Trappers Association/Organization, and Nunavut Emergency Management if there is a bigger incident (in an emergency situation).

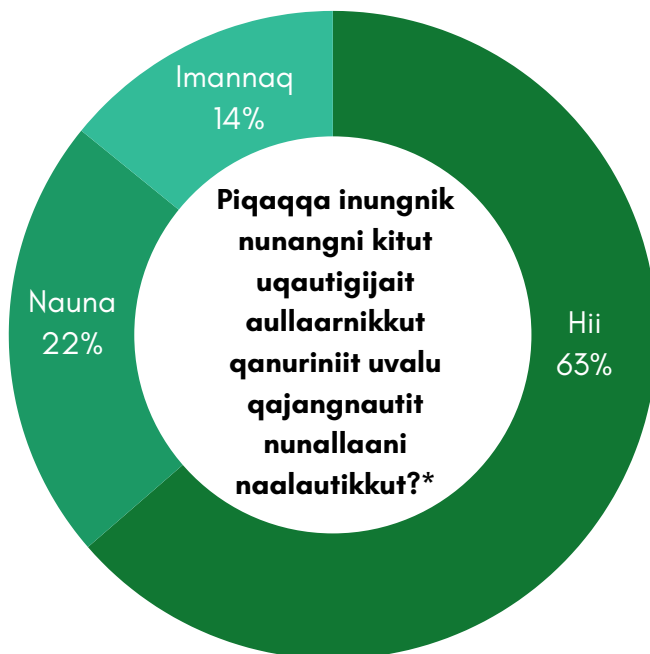
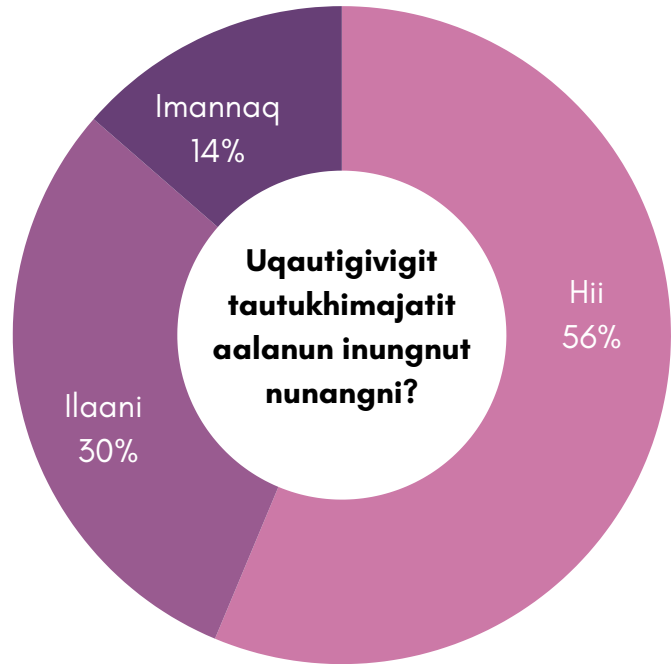
TO CALL FOR HELP RESPONDENTS USE ...



Of the respondents who can call for help, most use an inReach or SPOT (60%). They also use short-wave radios (CB, HF(SBX), VHF), cell or satellite phones. Respondents who answered "Other" use Zoleo, call nearby hunters, and/or set up check-in times with family members who call SAR if check-in is missed.

UQAUTIGIBLUGIT TAUTUKTATIK HILAKKUT, IMAKKUT, HIKUKKUT, UVALUUNIIN APUTIP QANURIINIIT AALANUN NUNAVUNMI

Amigaitut (56%) ilaujut
uqautigijait tautuktatik hilakkut,
imakkut, hikukkut, aputip
qanuriniit aalanun nunamingni.

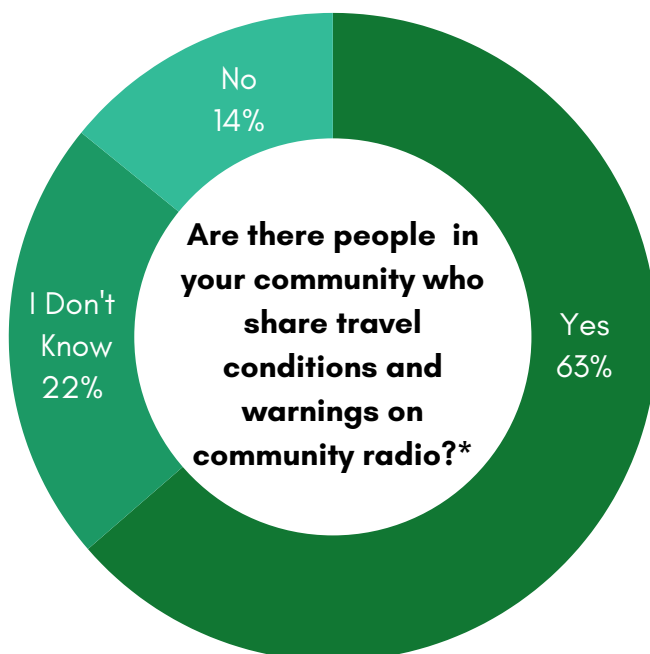
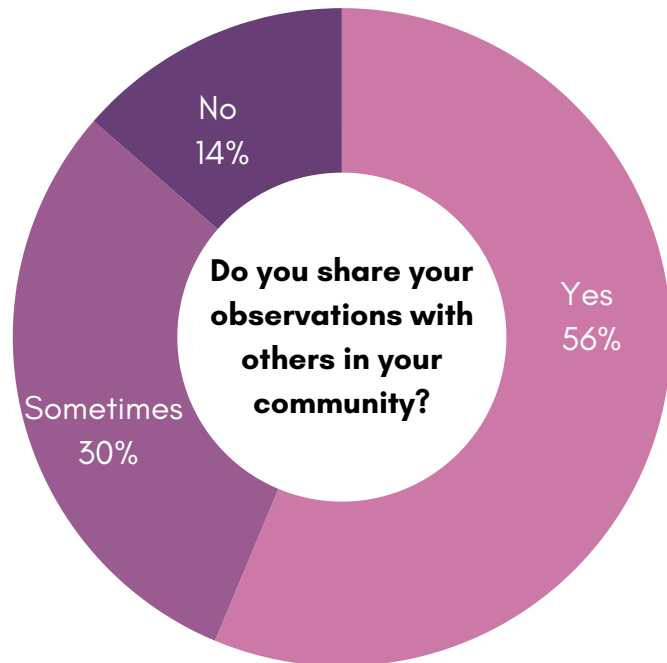


*1% kiujuimangittut

Amigainikhait (63%) ilaujut
uqaliqpaktut inuit nunamingni
nalautikkut CB/HF(SBX)/VHF
nalautikkut, uqautigiplugit
qajagijaujukhat pipkailutikluuniit
uqaudjilutik hapkutiguuna hilap
qanurinnianik, imakkut qajangnaqtunik
imaaluuniit, hikap qanurininginik inuit
qaujimajakhainik. Ikitut (22%) ilaujut
ilihimangittut inuit naalautikuuqata
tuhaqtidjutinik uvaluuniin tunihilutik
uqaudjinirmik.

SHARING OBSERVATIONS OF WEATHER, WATER, ICE, OR SNOW CONDITIONS WITH OTHERS IN NUNAVUT

Many (56%) participants share their observations of weather, water, ice, or snow conditions with others in their community.

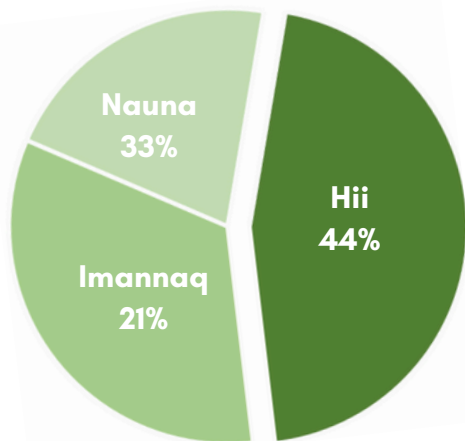


Most (63%) participants said there are people regularly going on community radio or CB/HF(SBX)/VHF radio, to share warnings or provide advice about weather, water, or ice conditions. A few (22%) participants did not know if people regularly go on radio to share warnings or provide advice.

*1% prefer not to answer

KATIMAVAKTUT UQAUTIGIPLUGIT AULLAARVIGIVAKTATIK QANURITAKHAINIK AALLANUN INUNGNUN NUNVUNMI

Piaqqat nunaffingni inuit
katitparvinginik uqautigiplugit
qanikkut aullaarvigivaktatik
qanuriniinik?*



*2% kiujumangittut

Umannga 159 kiujut
"angiqtuq piaqtuq"

46% naalaklugit apiqhurlugillu
uqaudjidjuhikhani

46% uqautigilugit
qungiaqtaujut uvaluuniin
uqaudjiblutik

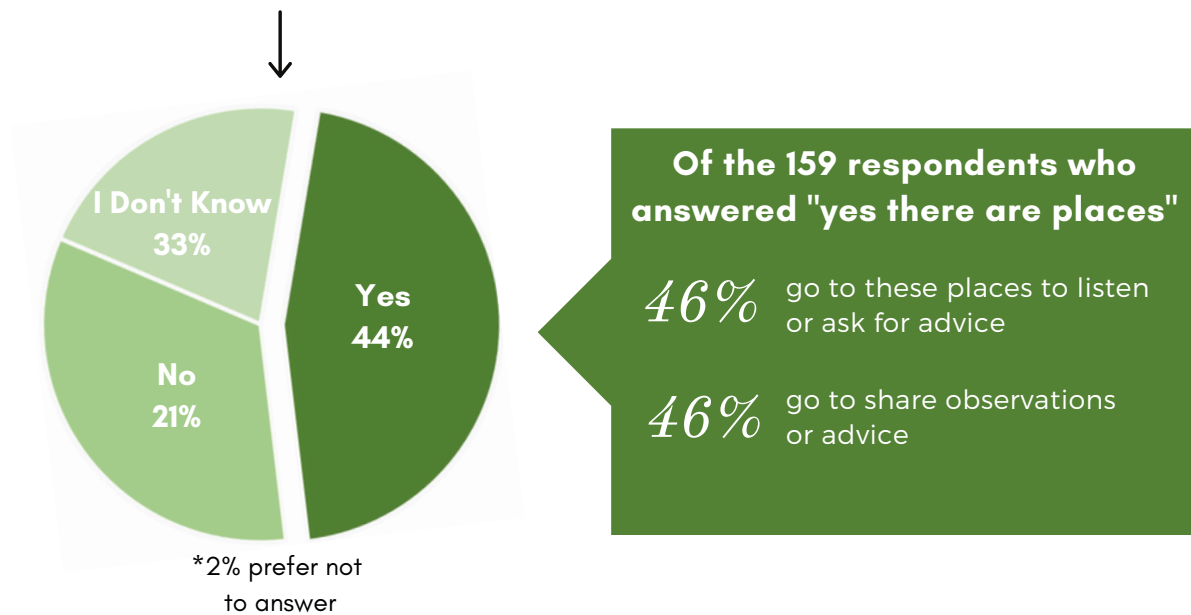
Ilangit ilaujut (33%) uqaqtut ilihimagangittut inikhamik nunagijamingni inuit katimavigivaktainik uqauhirilugit qanikkut aulaarningagut qanuriginik, hilarlungnikkut, imakkut, hikukkut ahiiniklu avatiliqinikkut qanuriniit.

Hapkunanga 44% (159 ilaujut) uqaqpaktut inikhaqaqtut inuit katimaqatiriiktut, amigainikhat tapkunungauvaktut naalariaktuqhutik apiqhijaqtuqhutik qanuriliurutikhamingnik (46%), uqariaqtuqhutik takuvaktamingnik uvaluuniit qanuriliurutikhamingnik (46%).



GATHERING TO TALK ABOUT TRAVEL CONDITIONS WITH OTHERS IN NUNAVUT

Are there places in your community where people tend to meet and talk about recent travel conditions?*



Some participants (33%) said they did not know if there are places in their community where people tend to meet and talk about recent travel conditions, or weather, water, ice and other environmental conditions.

Of the 44% (159 participants) who said there are places where people meet, some go to those places to listen or ask for advice (46%) and some go to those places to share their observations or advice (46%).



KATIMAVAKTUT UQAUTIGIPLUGIT AULLAARVIGIVAKTATIK QANURITAKHAINIK AALLANUN INUNGNUN NUNVUNMI (AULAHIMAAQTUQ)

NAJUGAIT ILAUHIMAJUT KATIMAVIGIVAKTAIT UQAUTIGIPLUGIT TINGMINIKKUT QANURIINIIT

- Inuit iglunginni maaluuniit igluqpannuangit
- Apqutini hamanilu nunamingni
- Nunalaani
niuvaaviit/nanminirijaingit/ikajuutikha
ngit:
 - Co-op, Northern
 - itiqtirvik
 - kasiliqtarvik
 - titirqiqivik
 - naalauhiqivinga
 - niriviit/imirvik/kaapiturvik
- Apqutigivaktat upaunahuaqtamingnut
- Hikumi, hinaani, tulagvikhat,
qinmiqarviat hilataani, malingnin-
malirjualaitkutat ujaraliqtuqhimajuq,
uvaluuniin apquhiuqhimajuq
- Maniqqami anguniarlitlutik uvaluuniin
hiniktaqhutik
- Aalatqiini nunagijaujuni havagviit/
katimaviit:
 - Haamlatkut/Nunalipaujarmi
Havagviat
 - Nunallaami Katimavianni
 - Haamlatkut/Nunalipaujarmi
akhaluutiqarviit
 - Angoniaktit Nanikgiaktukpaktunik
Katimayit
 - Iliharviit
 - Avikturniini Inuit Katimajiit
 - An'nguhiqiitkut
 - Imakkut Katimajiit
 - Qiniqhiajit Anaktuinirmunlu
 - Ilisaqsivik
 - Min'nguiqhirviit Havagviat
 - Havagvingat
(kaapiturnaqhijarangat)



Titirauyaqtaa: Rhoda Hiqiniq
Art work by: Rhoda Hiqiniq

GATHERING TO TALK ABOUT TRAVEL CONDITIONS WITH OTHERS IN NUNAVUT

(CONTINUED)

PLACES PARTICIPANTS GATHER TO TALK ABOUT TRAVEL CONDITIONS

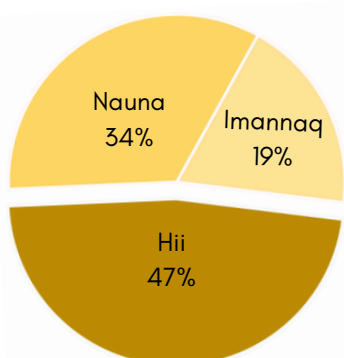
- In people's homes or cabins
- On the street and around town
- Local stores/businesses/services:
 - Co-op, Northern
 - hotel
 - gas station
 - post office
 - radio station
 - restaurant/bar/coffee shop
- On route to a destination
- On the ice, beach, dock, sled dog yard, breakwater, or causeway
- On the land while hunting or camping
- Various local offices/meetings:
 - Hamlet/City Office
 - Community hall
 - Hamlet/City garage
 - Hunters and Trappers Organization
 - Schools
 - Regional Inuit Association
 - Wildlife Office
 - Water Board
 - Search and Rescue
 - Ilisaqsivik
 - Parks Office
 - Workplace (during coffee breaks)



Titirauyaqtaa: Rhoda Hiqiniq
Art work by: Rhoda Hiqiniq

INUNGNUN TUHAUMAPKAIDJUTIN NUNAVUNMIUT ATUQPAHGAIT UQAUTIGIPLUGIT AULLAARNIKKUT QANURINNINGIT

Inuit nunangni atuqpakpat inungnun
tuhaumapkaidjutinik uqautigiplugu
aullaarnikkut qanuriniit?



Hapkunanga 170 kiujut
kitkut uqaqtut "hii"

138 (81%)

aturlugit
naunaitkutikhat
uqautaujut inungnun
tuhaqtidjutinun

Piqaqtuq imaatus 170 ilaujunit
naunaiqhijut qaujimavaktut
inungnun tuhaumapkaidjutikkut
makpirniit uvaluuniin
katimavaktut humi inuit
uqautigivaktait tautuktatik
uvaluuniin uqaudjinirmik hilakkut,
imakkut, uvalu hikup qanuriniit.

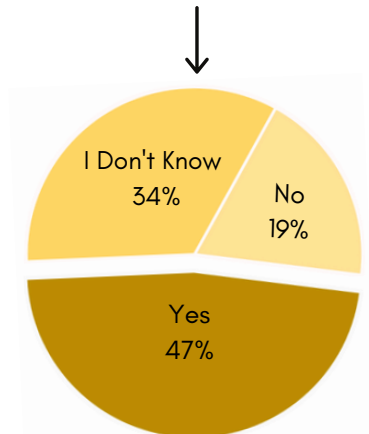
Akhuurutaujuq naunairiami
ilangit kiuvaktut ilihimajut
ilihimajakhait hilakput, imaq,
hiku, aputaijaillu
qanurittaakhaanik naunaijariami
inungnut naunaipkaidjutinik
uumunnga naunaitkutaq



Piksa: Gita Ljubicic

SOCIAL MEDIA NUNAVUMMIUT USE TO SHARE TRAVEL CONDITIONS

Do people in your community
use social media to talk about
travel conditions?



Of the 170 respondents
who said "yes"

138 (81%)

use the information
shared over social
media

There were 170 participants who identified being aware of social media pages or groups where people share observations or advice about weather, water, and ice conditions.

It is important to note that some respondents have their own knowledge of the weather, water, ice, and snow conditions so they do not check social media for this information.



Photo: Gita Ljubicic

INUNGNUN TUHAUMAPKAIDJUTIN NUNAVUNMIUT ATUQPAHGAIT UQAUTIGIPLUGIT AULLAARNIKKUT QANURINNINGIT (AULAHIMAAQTUQ)

Tamainni nunallaani, ilaujut naunaiqhijut inungnun tuhaumapkaidjutikkut makpirniit imaaluuniit katimaqatigiiktut takuplugit imaaluuniit uqaudjidjuhiit hilakkut, imakkut, imaalu hikup qanurinniinnik. Tamarmik nunallaat piqaqtut naunairiiqhimajunik atuniitunik uvalu uqautigijakhait uqautikhat. Ataani titiraqtavut uqautaujukhat imaalu atuniittut.

Atuqtaunginaqtuq inungnun tuhaumapkaitjutin

Facebook

- Nunallaanun-pihimajut atuniittut imaittut:
 - tuhaqtakhat/inungnun ikajuutikhat tuhaqtitaujukhat
 - niuvrutigilugin/himmautigilugit
 - Anguniaqtuliqijitkut Katimajiit
 - nunallaani qaujihainirmut timiqutigijaujut
 - nunallaani inulramiit/maniqqami pinahuarutit
 - Piksat
 - qinmiit aullaarutit
 - qiniqhiajit anaktuinirmunlu
- Ilagiit ilanallu (inuup takujahait uvalu tuhaqtidjutit)
- Nunavut an'nguniarnirmik unipkaangit ubluani
- Nunavut an'nguniarnirmik unipkaangit ubluani

SIKU Iliuraqhimayumik (ilaujut SmartICE)

Instagram



Uqautigijaujut uqautikhat

- **Qajangnaittumik amirnaqtunlu najgait naunaiqtauhimajut qanikkut aullaarviuhimajut:**
 - apqutit qanurningit aullaarviilu aularviuvaktutit
 - qajagitqujjut qajangnaqtunik najugainik
 - nunallaani hivuuranagtut/ajuqhautaujjut
 - aullaarvikhamingnut naunaijautikhangit imaalu piksaniklu
- **Anguniarniq, naniriaqtuq, iqalukhiurnirmiklu:**
 - uumajunik takujauvaktut/angunnahuaktauvaktuniklu
 - nanurnik takuvaktut
 - anguniarnikkut unipkaanik
 - nakuujuq/nakuuluangittuq anguniarvigivaktait najugait
- **Nunami annakhimanikkut ajuiqtakhait**
 - niqinik avakuuqatigiikpaktut
 - akhaluutit ilakhangit
 - anguniarutikhat ingilrutit
- **Hilap/immap/malik/aput/ hiku/nunap qanuriniit:**
 - mahaktirnia aputip imaalu hikup (imaktirniq hikup qanga)
 - kuukkat, tariup itinia
 - tarium hikuata ivyuhinia
 - anuqhiqtuq, uunarninga/qajurnarninga, piqhiqtut
 - uinniup hinnaa, ainniit, najuutait uinniqaqinup
 - tattiup aullanina
- **Uqautigiplugit itturniarutait aallanin najugainin:**
 - Avatiligiit Kanatami
 - NASA
 - Windy.com
 - akhuuraaluk hilarluktukhanik tuhaqtitivaktut
 - qangatayukkut piksait

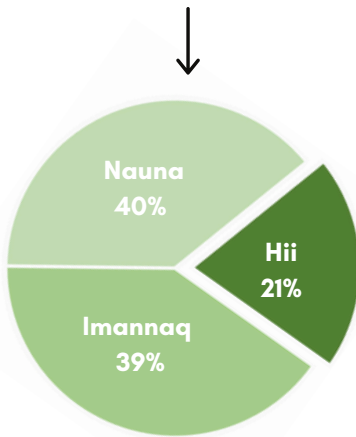
SOCIAL MEDIA NUNAVUMMIUT USE TO SHARE TRAVEL CONDITIONS (CONTINUED)

In each community, participants identified social media pages or groups where people share observations or advice about weather, water, and ice conditions. Each community has specific groups and discussion topics. Below we list the general topics and categories.

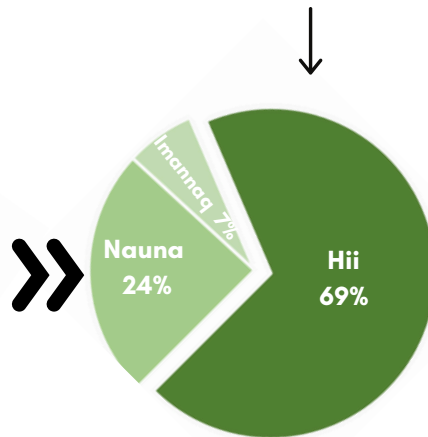
Commonly used social media	Discussion topics
Facebook - Community-specific groups such as: - news/public service announcements - sell/swap - Hunters/Trappers Associations - local research organizations - local youth/on-the-land programs - photos - dog teams - search and rescue - Family and friends (personal feeds and direct messages) - Nunavut hunting stories of the day - Inuit hunting stories of the day SIKU app (including for SmartICE) Instagram    	Safe and dangerous areas based on recent travel: - trail conditions and travel routes - warnings about unsafe areas - local hazards/obstacles - trip descriptions and pictures Hunting, trapping, and fishing: - wildlife observed/harvested - polar bear sightings - hunting stories - good/poor hunting spots Land and survival skills - food sharing - vehicle parts - hunting equipment Weather/water/wave/snow/ice/land conditions: - melting snow and ice (slush) - rivers, sea depth - sea ice thickness - wind, temperature, blizzards - floe edge, leads, areas of open water - moon phase Sharing forecasts from other sites: - Environment Canada - NASA - Windy.com - extreme weather warnings - satellite images

NUNALLAANI MUNAQHIYUT PINAHUARUTIT

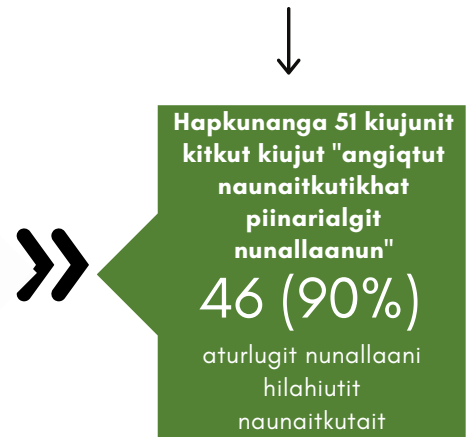
**Piqaqqat nunalaani
hilahiutit najugaini
nunangni?**



**Nunamingni hilatigut
naunaitkutikhat
piinariaalaqqat nunallaamun?**

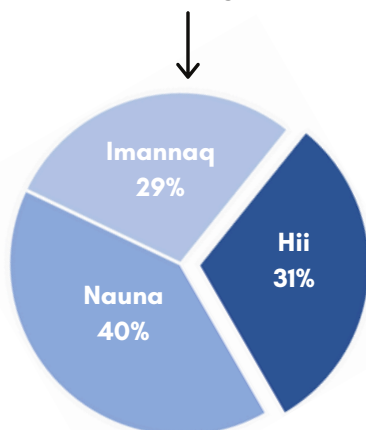


**Atuqigut nunamingni
hilatigut
naunaitkutikhat?**

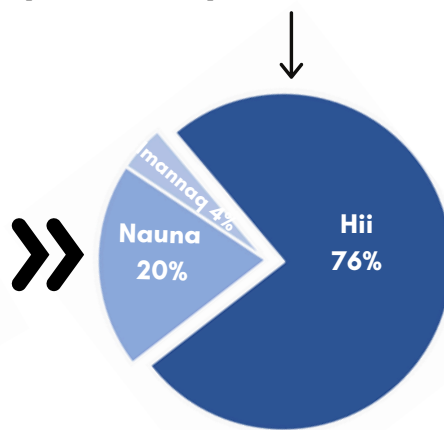


Apiriyaugaangamik talvuuna nunalaani hilahiutit, naunaiqtauhimajut taimaatut 145 ilaayunik (40%) uqaqtut ilihimangittut nunallaani hilahiutiqariakhainik imaalu 74 ilaayut (21%) uqaqtut nunalaani hilahiutit najugait atuqtauvaqtut. Hapkunanga 74 ilaayunit uqaqtut piqaqtut nunalaani hilahiutit havagviit nunamingni, 51 (69%) uqaqtut nunalaani hilahiutit uhagakhanik hailijut nunagiyauyumi, 46 hapkunanga (90%) uqaqtut atuqpaktaqtik naunaitkutikhat.

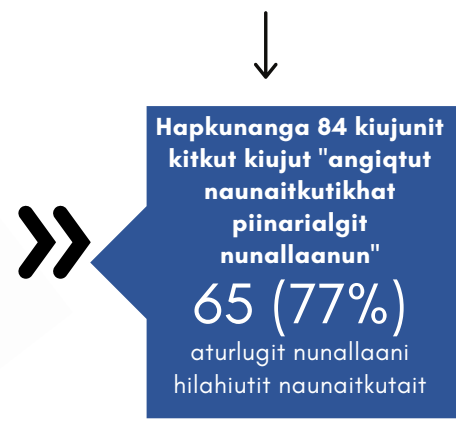
**Piqaqqat nunalaani
hilahiutit najugaini
nunangni?**



**Imaq/hikumi munarinikkut
naunaitkutikhat
piinariaalaqivat nunallaanun?**

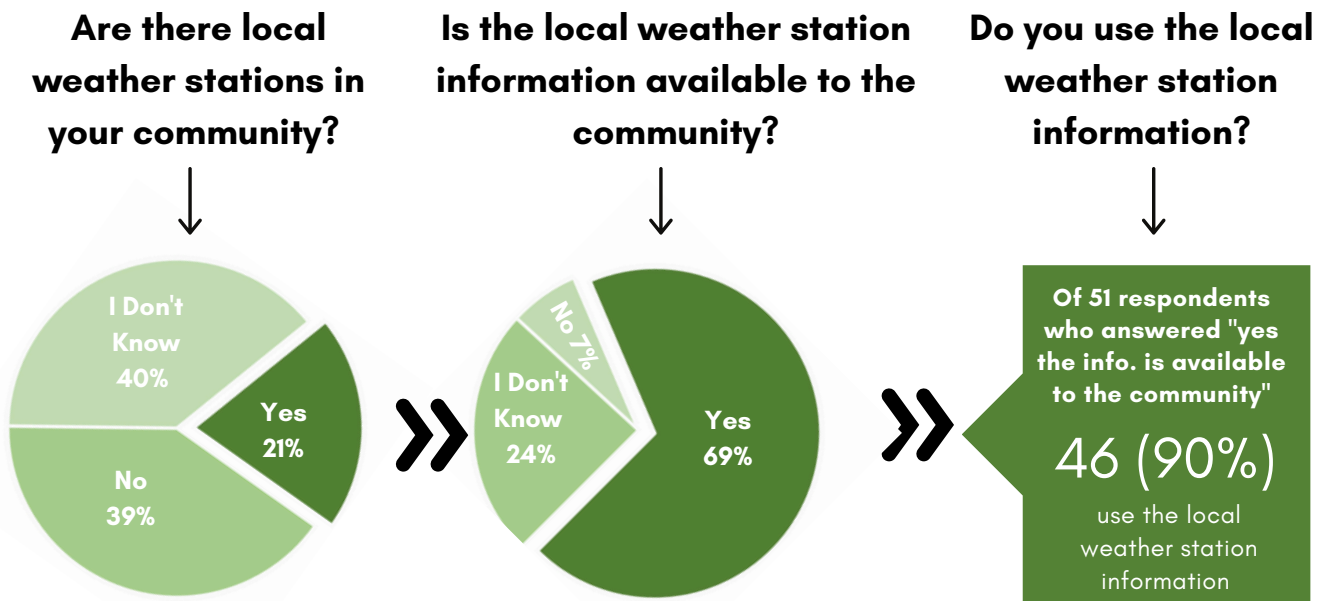


**Atuqpakpigut
nunamingni imap/hikup
kangiqhidjutait?**

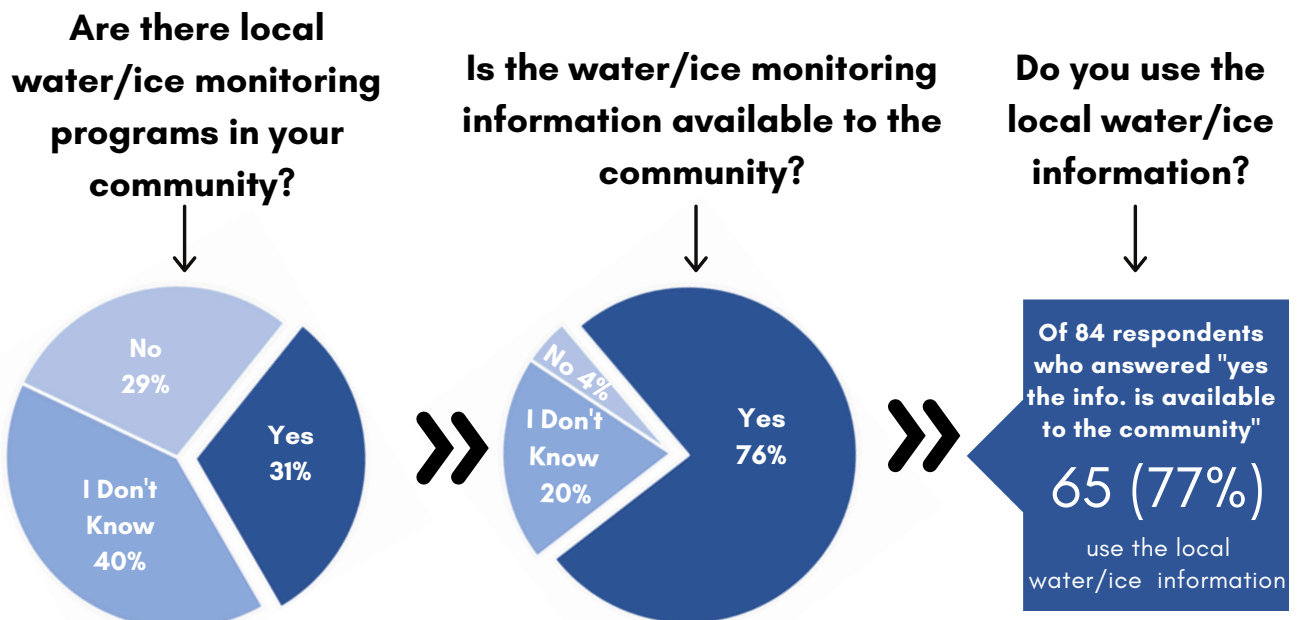


Apirijaujarangamik aangat nunamingni imarmik hikumiklu munaqhinirmik pinahuarutingit naunaittuq 145 ilaayut (40%) uqaqtut ilihimangittut piqarumik nunamingni imarmik unalu 111 ilaayut (31%) uqaqtut hikumik munaqhinirmik pinahuarutingit ittut. Hapkunanga 111, 84 kiujut (76%) uqaqtut kangiqhidjutikhat hailijutt nunamingni, uvalu 65 (77%) uqaqtut tapkua atuqpaktait kangiqhidjutikhat.

COMMUNITY MONITORING PROGRAMS



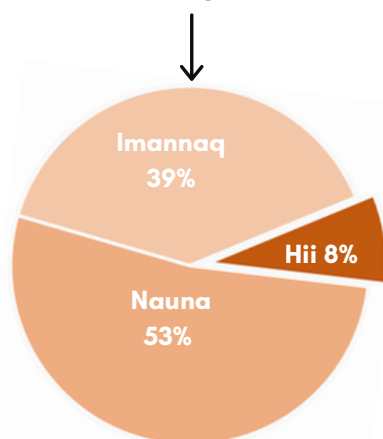
When asked about local weather stations, it is notable that 145 participants (40%) said that they do not know if there are local weather stations, and 74 participants (21%) said that local weather stations do exist. Of the 74 participants who said there are local weather stations in their community, 51 (69%) said the weather station information is available in the community, and 46 of them (90%) said they use the information.



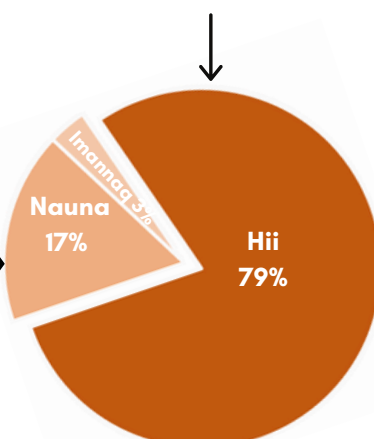
When asked about local water and ice monitoring programs it is notable that 145 participants (40%) said that they do not know if there are local water and 111 participants (31%) said that ice monitoring programs do exist. Of these 111, 84 respondents (76%) said the information is available in their community, and 65 of them (77%) said that they use the information.

NUNALLAANI MUNAQHIYUT PINAHUARUTIT (AULAHIMAAQTUQ)

Piqaqqat ungahiktukkut
piksaliurutinik piksaliuqtut
avatiliqinikkut qanuriniit
nunangni?



Unngahiktukkut piksaliurutit
naunaitkutikhat hailivat
nunaanut?



Atuqpakpigit
ungahiktukkut
piksaliurutit
naunaitkutikhat?

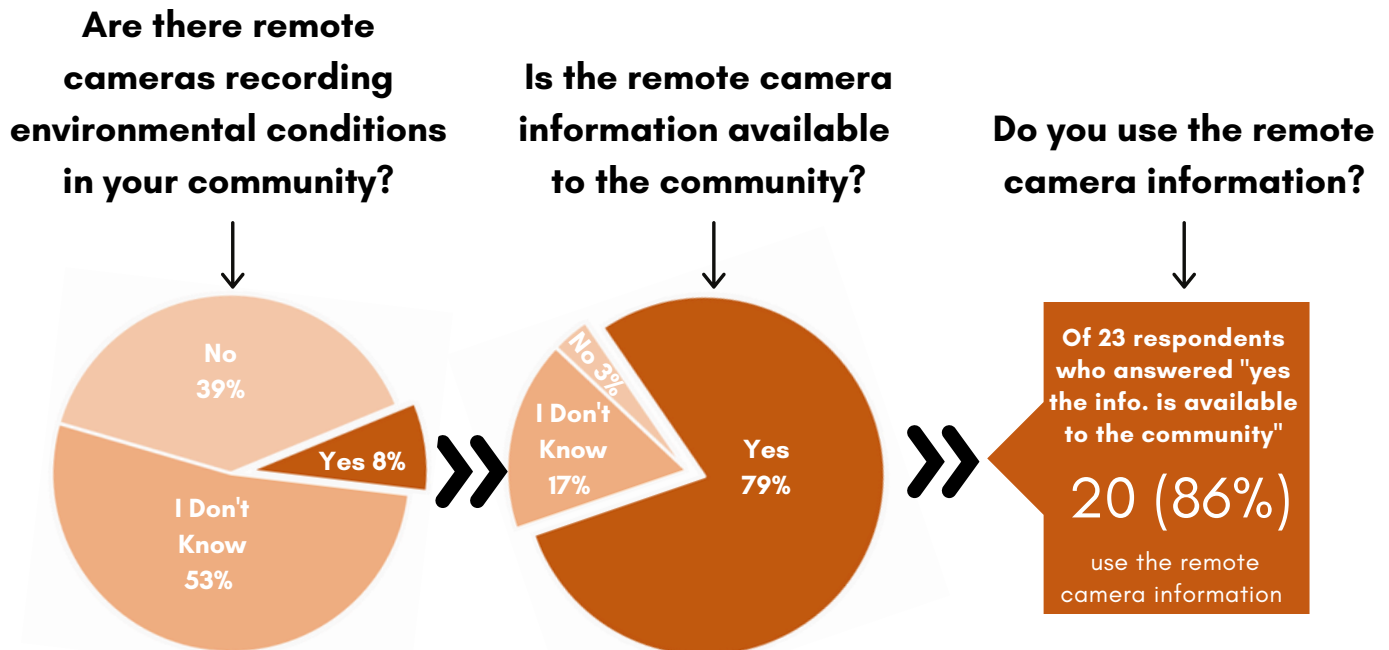
Hapkunanga 23 kiujunit
kitkut kiujut "angiqut
naunaitkutikhat
piinarialgit
nunallaanun"
20 (86%)
aturlugu ungahiktukkut
piksaliurut
naunaitkutikhat

Ungahiktukkut piksaliurutit iliuraqtauvaktut piksaliuqtimun piksaliuqtaulimaitpata. Ungahiktukkut piksaliutit piqaqtut inmiikkut-ublunik piksaliurutinun taimaali piksaliuqtaujaanginaqtut kitnun. Una uuktuutigilugu ungahiktumi piksaliurut iliuraqtaujuq humi ittuq haniani puptalaangani, hanahimajuq ikaarnimik iliuraqtaujuq piksamik qitiqqukpat ubluq tamaat.

Apirijaujaraangamik ungahiktukkut piksaliutinik, naunaiqtaujuq amihut ilaujut uqaqtut ilihimangittut ungahiktukkut piksaliutit (53%) uumannga uqaqtut taimaatut ungahiktukkut taimailiurumik (8% pingitpalluuniit (39%) ittuq. Ukunani 29 ilaujunit (8%) uqaqtut ahiqpani piksaliutit, 23-gujut (79%) uqaqtut ungahiktukkut piksaliutit naunaiqtakhait hailijut Nunavumi, imaalu 20 hapkunanga (86%) uqaqtut atuqtut ungahiktukkut piksaliutinik naunaitkutikhanik.

Arviani Aqqiumavvik, Inuit Mitilimmiu (Arctic Eider Society), Ittaq Ittarnisalinirirmut ammalu Qaujisarnirmut Pilirivik, imaalu SmartICE panariiktut uvani havaakhami, imaalu ilihimajavut amigaitut naunaijautit-ilaujut nunallaat piqaqtut nunamingni munaridjutikhanut pinahuarutinik (**naunaijaqhimajut makpirnia 47-48**). Kihimi, naunaijautit kiudjutit ihumagijaujut tapkua nunallaani ilaujut qaujimajaungittut hapkuat ilihaidjutit, uvaluuniin ilaunahugingittait qanuqtut apiqhuutit apirijaujut naunaijautini.

COMMUNITY MONITORING PROGRAMS (CONTINUED)



Remote cameras are cameras placed in areas where a photographer cannot be at the camera to take photos. Remote cameras often have a self-timer built into the camera so photos can be taken at specific times. An example is a remote camera mounted somewhere near a floe edge, with a built-in timer that is set to take a photo at noon each day.

When asked about remote cameras, it is notable that more participants said that they do not know if there are remote cameras (53%) than said that remote do (8%) or do not (39%) exist. Of the 29 participants (8%) who said there are remote cameras, 23 (79%) said the remote camera information is available in Nunavut, and 20 of them (86%) said they use the remote camera information.

Aqqiumavvik Society, Arctic Eider Society, Ittaq Heritage and Research Centre, and SmartICE are partners in this project, and through them we know that in many survey-participating communities there are local monitoring programs (**described on pages 47 and 48**). However, survey responses suggest that community members are not widely aware of these programs, or they did not associate them with the way the questions were asked in the survey.

NUNALLAANI MUNAQHIYUT PINAHUARUTIT

NUNALLAANI HILAMIK MUNAQHIDJUTAIT

Ilaujut naunaiqhijut amigaivjatut nunallaani-pihimajut munaqhidjutikhanut pinahuarutit tapkua aulapkaqtaujut qaffinin timiqutigijaujunit Amigaitut qanuriniit munaqtaujut pidjutiquaqtut hilakkut, imakkut, hikukkut uvalu tarium itiniarnut.

	Arviat	Kangiqtugaapik		Uqhuqtuq		Mittimatalik	
		Iqaluktuuttiaq		Salliq		Iqaluit	Sanikiluaq
(867) 857-4166 (tadja aalanguqtuq - Halu Hilahiutit)	☒	☐	☐	☐	☐	☐	☐
Milvingmi hilahiuti qarviit/milvinggmi naalautikkut	☒	☐	☐	☐	☐	☐	☐
Ukiuqtaqtumi Ilituqhainikut Tungaviuyuq	☐	☒	☐	☐	☐	☐	☐
Kanaitian Ukiuqtaqtumi Qaujihailiqijunik Najugaani hilahiutit	☐	☒	☐	☐	☐	☐	☐
Nunallaani Aerodrome Naalauhiqivik	☐	☒	☐	☐	☐	☐	☐
Iliharvikyuanga Calgary	☐	☒	☐	☐	☐	☐	☐
Kangiqtugaapik Hilahiuti qarvik Milvingmi Qaritaujakkuurutat	☐	☐	☒	☐	☐	☐	☐
Kanatamiuni Angujaktit Camp 2	☐	☐	☐	☐	☒	☐	☐
Carleton University Meteorology Station	☐	☐	☐	☐	☐	☒	☐
Nunalaani Co-op Tiivikkut	☐	☐	☐	☐	☐	☐	☒

COMMUNITY MONITORING PROGRAMS

LOCAL WEATHER MONITORING

Participants identified several community-based monitoring programs that are run by a various organizations. A wide range of conditions are monitored related to weather, water, ice, and sea depth.

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
867-857-4166 (now called Hello Weather)	☒	☐	☐	☐	☐	☐	☐	☐
Airport weather station/ airport radio	☒	☐	☐	☐	☐	☐	☐	☐
Arctic Research Foundation	☐	☒	☐	☐	☐	☐	☐	☐
Canadian High Arctic Research Station	☐	☒	☐	☐	☐	☐	☐	☐
Community Aerodrome Radio Stations (CARS) weather	☐	☒	☐	☐	☐	☐	☐	☐
University of Calgary Weather Stations	☐	☒	☐	☐	☐	☐	☐	☐
Kangiqtugaapik (Clyde River) Weather Station Network	☐	☐	☒	☐	☐	☐	☐	☐
Canadian Rangers Camp 2	☐	☐	☐	☐	☒	☐	☐	☐
Carleton University Meteorology Station	☐	☐	☐	☐	☐	☒	☐	☐
Local Co-op Channel	☐	☐	☐	☐	☐	☐	☒	☐

NUNALLAANI MUNAQHIYUT PINAHUARUTIT (AULAHIMAAQTUQ)

NUNALAANI IMAMIK/HIKUMIK MUNAQHIDJUTAIT

	Arviat	Kangiqtugaapik		Uqhuqtuuq		Mittimatalik	
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
Arviani Aqqiumavvik	☒	☐	☐	☐	☐	☐	☐
SmartICE	☒	☐	☐	☒	☐	☒	☐
Ujjiqsuiniq	☒	☐	☐	☐	☐	☐	☐
Kanaitian Ukiuqtaqtumi Qaujihailiqijunik Najugaani hilahiutit	☐	☒	☐	☐	☐	☐	☐
SIKU	☐	☐	☐	☐	☒	☐	☐

NUNAMINGNI UNGAHIKTUKKUT PIKSALIURUTIT

	Arviat	Kangiqtugaapik		Uqhuqtuuq		Mittimatalik	
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
Distant Early Warning (DEW) hilahiutit piksaliutit	☐	☒	☐	☐	☐	☐	☐
Angoniaktit Nanikgiaktukpaktunik Katimayit	☐	☒	☐	☐	☐	☐	☐
Ukiuqtaqtumi UAV/TIBO Pinahuaruti	☐	☐	☐	☐	☒	☐	☐
Hikulrup Hinaani Piksaliutat/Ungahiktukkut Piksaliutat	☐	☐	☐	☐	☐	☒	☐
SmartICE	☐	☐	☐	☐	☐	☒	☐

COMMUNITY MONITORING PROGRAMS

(CONTINUED)

LOCAL WATER/ICE MONITORING

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Aqqiumavvik Society	☒	☐	☐	☐	☐	☐	☐	☐
SmartICE	☒	☐	☐	☐	☒	☐	☒	☐
Ujjiqsuiniq Young Hunters Program	☒	☐	☐	☐	☐	☐	☐	☐
Canadian High Arctic Research Station	☐	☒	☐	☐	☐	☐	☐	☐
SIKU	☐	☐	☐	☐	☐	☒	☐	☐

LOCAL REMOTE CAMERAS

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Distant Early Warning (DEW) Line weather cameras	☐	☒	☐	☐	☐	☐	☐	☐
Hunters and Trappers Organization	☐	☒	☐	☐	☐	☐	☐	☐
Arctic UAV/Tibo program	☐	☐	☐	☐	☐	☒	☐	☐
Floe Edge/Remote Camera	☐	☐	☐	☐	☐	☐	☒	☐
SmartICE	☐	☐	☐	☐	☐	☐	☒	☐

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - HILATIGUT NAUNAIJAQTAUHIMAJUQ HUNAVALUIT ATUQTAUJUT

Ukualu nunallaat ikajuutait kangiqhidjutit ihumaliuriangini qajangnaitpat aullaarvikhanik, Nunavunmiut kiujut atuqpaktut amigaitunik aallatqiinik qilainaqhiut piksanik.

	Arviat	Iqaluktuuttiaq		Kangiqtugaapik		Salliq	Uqhuqtuuq	Iqaluit		Mittimatalik	Sanikiluaq	
Accuweather	☒	☐	☐	☐	☐	☐	☒	☒	☐	☐	☐	☐
Milvingmi hilahiutiqarviit/milvinggmi naalautikkut	☐	☐	☐	☐	☒	☒	☒	☐	☐	☐	☐	☐
Aurora itqurniarutait	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
Canadian Aerodrome Naalauhiqivik hilahiutiqarviat	☐	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐
CBC, CBC Igalaaq, CBC news	☒	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐
Hivajautinnuat hivajautinnualluunniit hivajautinnuanga	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Avatiliqijit Kanatami hilahiutit	☒	☒	☐	☒	☒	☒	☒	☒	☒	☒	☒	☒
EOSDIS Worldview (NASA)	☒	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐	☐
Facebook hilakkut ilitturipkaidjutikhat makpirnia	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐
Google hila	☒	☒	☐	☐	☐	☒	☐	☐	☐	☐	☒	☐
Nunavut Kavamanga itqurniarutait	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☐
Aimavingmingni hilap qarurnarnia uuktuutit	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Hapkua titiraujaqhimajut pidjutiaqatut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - WEATHER FORECAST PRODUCTS USED

Along with community sources of information, to decide if it is safe to travel Nunavummiut use a wide range of weather forecasts from polar service providers.

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Accuweather	☒	☐	☐	☐	☒	☒	☐	☐
Airport weather station/airport radio	☐	☐	☐	☒	☒	☐	☐	☐
Aurora forecast	☐	☐	☐	☐	☐	☒	☐	☐
Canadian Aerodrome Radio Stations (CARS) weather	☐	☐	☐	☒	☐	☐	☐	☐
CBC, CBC Iglaaq, CBC news	☒	☒	☐	☐	☐	☐	☒	☐
Cellular or satellite phone services	☐	☒	☐	☐	☐	☐	☐	☐
Environment Canada weather	☒	☒	☐	☒	☒	☒	☒	☒
EOSDIS Worldview (NASA)	☒	☐	☐	☐	☐	☒	☐	☐
Facebook weather information page	☒	☐	☐	☐	☐	☐	☐	☐
Google weather	☒	☒	☐	☐	☒	☐	☐	☒
Government of Nunavut forecast	☐	☐	☐	☐	☐	☐	☒	☐
Home thermometer	☒	☐	☐	☐	☐	☐	☐	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - HILATIGUT NAUNAIJAQTAUHIMAJUQ HUNAVALUIT ATUQTAUJUT (AULAHIMAAQTUQ)

	Arviat	Kangiqtugaapik		Uqhuqtuuq		Mittimatalik		
		Iqaluktuuttiaq		Salliaq		Iqaluit		Sanikiluaq
inReach hila	☒	☒	☐	☐	☐	☒	☐	☐
Kangiqtugaapik Hilahiutiqaarvik Milvingmi Qaritaujakkuurutat	☐	☐	☒	☐	☐	☐	☐	☐
Nunalaani CB	☒	☐	☐	☐	☐	☐	☐	☐
NAV Kanatami Tingmihiqinikkut Hilahiutit	☐	☐	☐	☐	☐	☒	☐	☐
Navionics Iliuraqhimayumik	☐	☐	☐	☐	☐	☒	☐	☐
Norwegian Meteorological Institute - YR	☐	☒	☐	☐	☐	☒	☐	☐
Polar View	☐	☐	☐	☐	☐	☐	☒	☐
PredictWind Iliuraqhimayumik unalu qaritaujakkuurutaa	☐	☐	☐	☐	☐	☐	☒	☐
Inuit nipiliuqtaujut hilahiutit itqungniarutait, hivajautaa 867-857-4166	☒	☐	☐	☐	☐	☐	☐	☐
Naalauhiqivinga	☒	☒	☒	☐	☒	☐	☐	☐
Qiniqhiajit Anaktuinirmunlu	☐	☐	☐	☐	☒	☐	☐	☐
SIKU Iliuraqhimayumik	☐	☐	☐	☐	☒	☐	☒	☐
SmartICE	☐	☐	☐	☐	☒	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiaqatut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - WEATHER FORECASTS PRODUCTS USED (CONTINUED)

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
inReach weather	☒	☒	☐	☐	☐	☒	☐	☐
Kangiqtugaapik (Clyde River) Weather Station Network	☐	☐	☒	☐	☐	☐	☐	☐
Local CB	☒	☐	☐	☐	☐	☐	☐	☐
NAV CANADA's Aviation Weather	☐	☐	☐	☐	☐	☒	☐	☐
Navionics app	☐	☐	☐	☐	☐	☒	☐	☐
Norwegian Meteorological Institute - YR	☐	☒	☐	☐	☐	☒	☐	☐
Polar View	☐	☐	☐	☐	☐	☐	☒	☐
PredictWind app and website	☐	☐	☐	☐	☐	☐	☒	☐
Public recorded weather forecast, phone 867-857-4166	☒	☐	☐	☐	☐	☐	☐	☐
Radio	☒	☒	☒	☐	☒	☐	☐	☐
Search and Rescue	☐	☐	☐	☐	☒	☐	☐	☐
SIKU app	☐	☐	☐	☐	☒	☐	☒	☐
SmartICE	☐	☐	☐	☐	☒	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - HILATIGUT NAUNAIJAQTAUHIMAJUQ HUNAVALUIT ATUQTAUJUT (AULAHIMAAQTUQ)

	Arviat	Kangiqtugaapik			Uqhuqtuq	Mittimatalik		
		Iqaluktuuttiaq		Sallia		Iqaluit	Sanikiluaq	
Spot Wx	☐	☐	☐	☐	☐	☒	☐	☐
Tiiviikkut	☒	☐	☐	☒	☐	☐	☐	☐
Hilakkut Tiiviikkurutit, Iliuraqhimayumik, unalu tiiviikkut	☐	☐	☒	☐	☒	☒	☐	☒
Twitter	☐	☐	☐	☐	☐	☒	☐	☐
Ventusky	☐	☒	☐	☐	☐	☐	☐	☐
Hilakkut Iliuraqhimayumik hivajautikkut	☒	☐	☐	☐	☐	☒	☐	☐
Weather Underground (Wunderground)	☒	☐	☐	☐	☐	☒	☐	☒
Windy.com unalu Windy Iliuraqhimayumik	☒	☒	☒	☒	☒	☒	☒	☒

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - WEATHER FORECAST PRODUCTS USED (CONTINUED)

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Spot Wx	☐	☐	☐	☐	☐	☒	☐	☐
Television	☒	☐	☐	☒	☐	☐	☐	☐
The Weather Network, app, and channel	☐	☐	☒	☐	☒	☒	☐	☒
Twitter	☐	☐	☐	☐	☐	☒	☐	☐
Ventusky	☐	☒	☐	☐	☐	☐	☐	☐
Weather app on phone	☒	☐	☐	☐	☐	☒	☐	☐
Weather Underground (Wunderground)	☒	☐	☐	☐	☐	☒	☐	☒
Windy.com and Windy app	☒	☒	☒	☒	☒	☒	☒	☒

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - TARIUMI NALAUTAQTAUHIMAJUT ATUQTAKHAT ATUQTAUJUT

Ukualu nunallaani ikajuutait naunaitkutikhat ihumaliuriangini qajangnaitpat aullaariamingni, Nunavunmiut kiujut atuqpaktut aallatqiinik amigaitunik hilahiutit uvalu tariup itqungniarutait.

	Arviat	Kangiqtugaapik		Uqhuqtuuq	Mittimatalik		
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
Canadian Aerodrome Naalauhiqivik hilahiuti qarviat	☐	☐	☐	☒	☐	☐	☐
Avatiliqijit Kanatami tariumik itqurniarutait	☒	☒	☒	☒	☒	☒	☒
Facebook	☒	☐	☐	☐	☐	☐	☐
Iqaluligiyyit Imaqmiutaligiyyitlu Kanatami	☐	☐	☐	☐	☐	☒	☐
Google	☐	☒	☐	☐	☐	☐	☐
inReach	☐	☒	☐	☐	☒	☐	☐
Kangiqtugaapik (Clyde River) Weather Station Network)	☐	☐	☒	☐	☐	☐	☐
Tariumi itqurnarutait uvani CB naalautikkut channel 2	☒	☐	☐	☐	☐	☐	☐
Tariumi akiittukkut hivajautit, hivajautaa 867-857-4166	☒	☐	☐	☐	☐	☐	☐
Norwegian Meteorological Institute - YR	☐	☒	☐	☐	☐	☐	☐
Hivajautingit qaritaujat	☐	☒	☐	☐	☐	☐	☐
PredictWind Iliuraqhimayumik unalu qaritaujakkuurutaa	☐	☐	☐	☐	☐	☒	☐
Naalauhiqiviga	☐	☒	☒	☐	☐	☐	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS -

MARINE FORECAST PRODUCTS USED

Along with community sources of information to decide if it is safe to travel, Nunavummiut respondents use a wide range of marine forecasts.

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Canadian Aerodrome Radio Stations (CARS) weather	☐	☐	☐	☒	☐	☐	☐	☐
Environment Canada Marine Forecast	☒	☒	☒	☒	☒	☒	☒	☒
Facebook	☒	☐	☐	☐	☐	☐	☐	☐
Fisheries and Oceans Canada	☐	☐	☐	☐	☐	☐	☒	☐
Google	☐	☒	☐	☐	☐	☐	☐	☐
inReach	☐	☒	☐	☐	☐	☒	☐	☐
Kangiqtugaapik (Clyde River) Weather Station Network	☐	☐	☒	☐	☐	☐	☐	☐
Marine forecast on CB radio channel 2	☒	☐	☐	☐	☐	☐	☐	☐
Marine toll free phone, phone 867-857-4166	☒	☐	☐	☐	☐	☐	☐	☐
Norwegian Meteorological Institute - YR	☐	☒	☐	☐	☐	☐	☐	☐
Phone apps	☐	☒	☐	☐	☐	☐	☐	☐
PredictWind app and website	☐	☐	☐	☐	☐	☐	☒	☐
Radio station	☐	☒	☒	☐	☐	☐	☐	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - TARIUMI NALAUTAQTAUHIMAJUT ATUQTAKHAT ATUQTAUJUT (AULAHIMAAQTUQ)

	Arviat	Kangiqtugaapik		Uqhuqtuuq	Mittimatalik		
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
SIKU Iliuraqhimayumik	☐	☐	☐	☒	☐	☐	☐
Tiiviikkut (Global News)	☐	☐	☒	☐	☐	☐	☐
Tinitparvia ulitparvia ikaarniite	☐	☒	☐	☐	☐	☐	☐
Ventusky	☐	☐	☒	☐	☐	☐	☐
VHF Naalautikkut	☒	☒	☒	☒	☒	☒	☒
Weather Underground (Wunderground)	☒	☐	☐	☐	☐	☐	☐
Windy.com unalu Windy Iliuraqhimayumik Windy app	☐	☐	☐	☐	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS -

MARINE FORECAST PRODUCTS USED (CONTINUED)

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
SIKU app	☐	☐	☐	☐	☒	☐	☐	☐
Television (Global News)	☐	☐	☐	☒	☐	☐	☐	☐
Tide time	☐	☒	☐	☐	☐	☐	☐	☐
Ventusky	☐	☐	☐	☒	☐	☐	☐	☐
VHF Radio	☒	☒	☒	☒	☒	☒	☒	☒
Weather Underground (Wunderground)	☒	☐	☐	☐	☐	☐	☐	☐
Windy.com and Windy app	☐	☐	☐	☐	☐	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - HIKUMI NAUNAITKUTIT/KIVGAQTUUTIT

Ukualu nunallaani ikajuutait naunaitkutikhat ihumaliuriangini qajangnaitpat aullaariamingni, Nunavunmiut kiujut atuqtut amigaitut hikukkut naunaikutait itqurniarutait imaalu ikajuutikhat.

	Arviat	Kangiqtuqaapik		Uqhuqtuuq		Mittimatalik	
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluq
Canadian Aerodrome Naalauhiqivik hilahiutiqaarviat	☐	☐	☒	☐	☐	☐	☐
Kanatamiuni Quttiktuq Ukiurtaqtuq Naunaiyaivik	☐	☒	☐	☐	☐	☐	☐
Kanatami Hikumi Ikajuutikhait	☐	☒	☒	☐	☒	☐	☐
Avatiligiyit Kanatami	☒	☐	☒	☒	☒	☒	☒
EOSDIS Worldview (NASA)	☒	☐	☐	☐	☒	☒	☐
Global piksatigut auladjut	☐	☐	☐	☐	☐	☒	☐
Google (Google Earth)	☐	☐	☒	☒	☐	☐	☐
Angoniaktit Nanikgiaktukpaktunik Katimayit	☐	☒	☐	☐	☐	☐	☐
Hikumi Ikajuutikhat - piksaliutit	☐	☐	☐	☐	☐	☒	☐
MODIS (NASA)	☐	☐	☒	☐	☐	☒	☐
Polar View	☐	☐	☐	☐	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - ICE CHARTS/SERVICES USED

Along with community sources of information to decide if it is safe to travel, Nunavummiut respondents use a wide range of ice charts and services.

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Canadian Aerodrome Radio Stations (CARS) weather	☐	☐	☐	☒	☐	☐	☐	☐
Canadian High Arctic Research Station	☐	☒	☐	☐	☐	☐	☐	☐
Canadian Ice Service	☐	☒	☒	☐	☐	☒	☐	☐
Environment Canada	☒	☐	☒	☒	☒	☒	☒	☒
EOSDIS Worldview (NASA)	☒	☐	☐	☐	☐	☒	☒	☐
Global image system	☐	☐	☐	☐	☐	☐	☒	☐
Google (Google Earth)	☐	☐	☐	☒	☒	☐	☐	☐
Hunters and Trappers Organization	☐	☒	☐	☐	☐	☐	☐	☐
Ice Service - cameras	☐	☐	☐	☐	☐	☐	☒	☐
MODIS (NASA)	☐	☐	☒	☐	☐	☐	☒	☐
Polar View	☐	☐	☐	☐	☐	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - HIKUMI NAUNAITKUTIT/KIVGAQTUUTIT (AULAHIMAAQTUQ)

	Arviat	Kangiqtuqaapik		Uqhuqtuuq	Mittimatalik		
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
Titiranguqhimajut hapkunanga Hamlatkut Havagviat	☐	☐	☒	☐	☐	☐	☐
Qangatayukkut piksait	☐	☒	☐	☐	☐	☒	☐
SIKU Iliuraqhimayumik	☒	☒	☐	☒	☐	☒	☐
SmartICE	☒	☐	☐	☒	☐	☒	☐
Inungnun Tuhaqtidjutit	☐	☐	☒	☐	☐	☐	☐
Windy.com unalu Windy Iliuraqhimayumik	☐	☐	☒	☐	☐	☐	☐
Zoom Earth	☐	☐	☐	☐	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.



Titirauyaqtaa: Rhoda Hiqiniq
Art work by: Rhoda Hiqiniq

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - ICE CHARTS/SERVICES USED (CONTINUED)

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Printout from Hamlet Office	☐	☐	☐	☒	☐	☐	☐	☐
Satellite images	☐	☒	☐	☐	☐	☐	☒	☐
SIKU app	☒	☒	☐	☐	☒	☐	☒	☐
SmartICE	☒	☐	☐	☐	☒	☐	☒	☐
Social Media	☐	☐	☐	☒	☐	☐	☐	☐
Windy.com and Windy app	☐	☐	☐	☒	☐	☐	☐	☐
Zoom Earth	☐	☐	☐	☐	☐	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.



Titirauyaqtaq: Jamesie Itulu
Art work by: Jamesie Itulu

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - ULITIRVIKHANIK NAUNAITKUTIT HUNAVALUIT ATUQTAUYUT

Ukualu nunallaat ikajuutait kangiqhidjutit ihumaliuriangini qajangnaitpat aullaarvikhanik, Nunavunmiut kiujut atuqpaktut amigaitunik aallatqiinik tinitparvia ulitparvia naunaitkutit atugakhat.

	Arviat	Kangiqtugaapik		Uqhuqtuuq		Mittimatalik	
	Iqaluktuuttiaq		Salliq		Iqaluit		Sanikiluag
Avatiligiyit Kanatami	☒	☐	☐	☒	☐	☐	☐
Avatiliqijit Kanatami tariumik itqurniarutait	☒	☐	☐	☐	☐	☐	☐
Iqaluligiyyit Imaqmiutaligiyyitlu Kanatami	☐	☐	☐	☐	☒	☒	☐
Google (Google Earth)	☐	☒	☐	☒	☐	☒	☐
Angoniaktit Nanikgiaktukpaktunik Katimayit	☐	☐	☐	☒	☐	☐	☐
inReach	☐	☐	☐	☒	☐	☐	☐
Nunalaani timiqutigiyayut Facebook mapirviit	☒	☐	☐	☐	☐	☐	☐
Tinitparvia ulitparvia ikaarniit Iliuraqhimayumik	☐	☐	☐	☐	☒	☐	☐
Hivajautaa 867-857-4166	☒	☐	☐	☐	☐	☒	☐
Titiranguatqihimajutt Tinitparvia ulitparvia Naunaitkutait talvanga Anguhiqijitkut Havagviani	☐	☐	☐	☐	☒	☐	☐
Naalautikkut tuhaqtitijuq	☐	☐	☒	☐	☐	☐	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS -

TIDE TABLE PRODUCTS USED

Along with community sources of information to decide if it is safe to travel, Nunavummiut respondents use a wide range of tide table products.

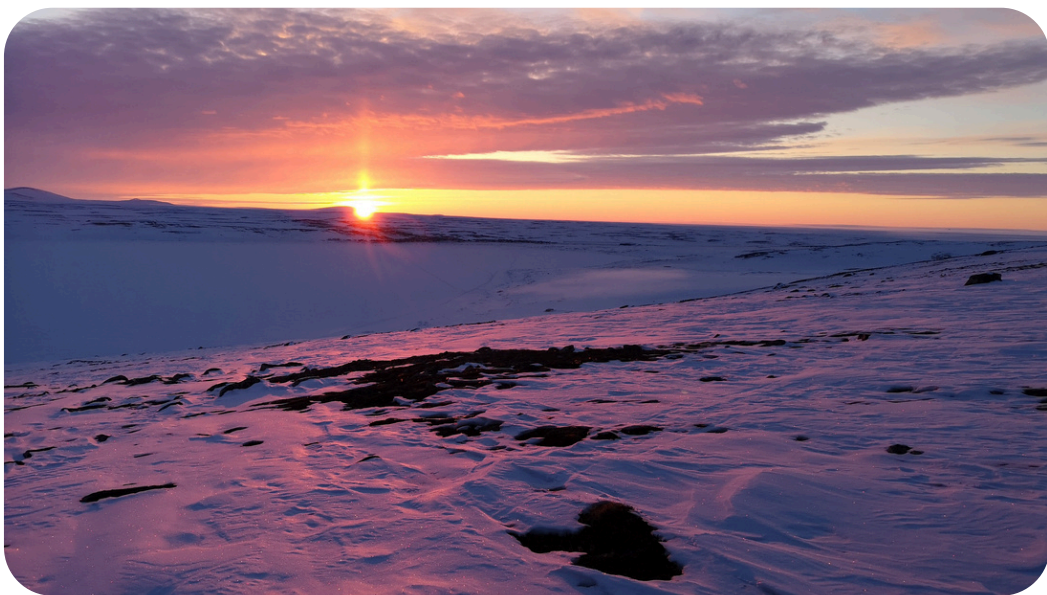
	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Environment Canada	☒	☐	☐	☒	☐	☐	☐	☐
Environment Canada marine forecast	☒	☐	☐	☐	☐	☐	☐	☐
Fisheries and Oceans Canada	☐	☐	☐	☐	☐	☒	☒	☐
Google (Google Earth)	☐	☒	☐	☒	☐	☐	☒	☐
Hunters and Trappers Organization	☐	☐	☐	☐	☒	☐	☐	☐
inReach	☐	☐	☐	☐	☒	☐	☐	☐
Local organization Facebook pages	☒	☐	☐	☐	☐	☐	☐	☐
My Tide Times app	☐	☐	☐	☐	☐	☒	☐	☐
Phone 867-857-4166	☒	☐	☐	☐	☐	☐	☒	☐
Printed Tide Tables from Wildlife Office	☐	☐	☐	☐	☐	☒	☐	☐
Radio broadcast	☐	☐	☐	☒	☐	☐	☐	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - ULITIRVIKHANIK NAUNAITKUTIT HUNAVALUIT ATUQTAUYUT (AULAHIMAAQTUQ)

	Arviat	Kangiqtugaapik		Uqhuqtuuq		Mittimatalik		
		Iqaluktuuttiaq		Salliq		Iqaluit		Sanikiluaq
SIKU Iliuraqhimayumik	☐	☐	☐	☐	☒	☐	☐	☐
Tinitparvia ulitparvia itqurniarutait	☐	☒	☐	☒	☐	☒	☐	☐
VHF Naalautikkut	☐	☐	☐	☐	☐	☐	☒	☐
Hilahiutit havagvia	☐	☐	☐	☐	☐	☐	☒	☐
Windy.com unalu Windy Iliuraqhimayumik	☒	☐	☐	☒	☒	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.



Piksa: Marlene Iqaqrialu

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS -

TIDE TABLE PRODUCTS USED

(CONTINUED)

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
SIKU app	☐	☐	☐	☐	☒	☐	☐	☐
Tide-Forecast	☐	☒	☐	☒	☐	☒	☐	☐
VHF Radio	☐	☐	☐	☐	☐	☐	☒	☐
Weather office	☐	☐	☐	☐	☐	☐	☒	☐
Windy.com and Windy app	☒	☐	☐	☒	☒	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

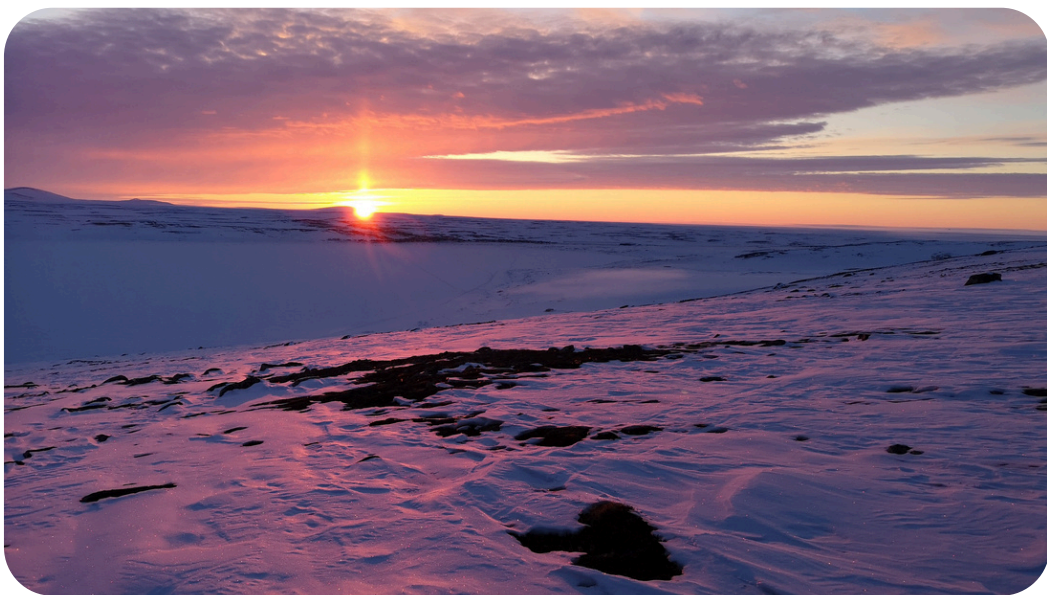


Photo: Marlene Iqaqrialu

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - QANGATAYUKKUT PIKSAT ATUQTAUJUT

Ukualu nunallaat ikajuutait kangiqhidjutit ihumaliuriangini qajangnaitpat aullaarvikhanik, Nunavunmiut kiujut atuqpaktut amigaitunik aallatqiinik qilainaqhiut piksanik.

	Arviat	Kangiqtugaapik			Uqhuqtuuq	Mittimatalik		
		Iqaluktuuttiaq		Salliq		Iqaluit		Sanikiluag
Environment Canada qilainaqhiut piksaa	☐	☐	☐	☐	☐	☐	☒	☒
EOSDIS Worldview (NASA)	☐	☐	☐	☐	☐	☒	☒	☐
Ilanat uqautigijait qilainaqhiut piksait uvani Facebook	☐	☐	☐	☐	☐	☐	☒	☐
Geniusmap (offline GPS navigation Iliuraqhimayumik)	☐	☐	☐	☐	☒	☐	☐	☐
Nunaujaliquitit Naunaiqtakhat Havagutait	☐	☐	☐	☐	☒	☐	☐	☐
Google (Google Image Earth/Maps)	☐	☒	☐	☐	☒	☐	☒	☒
Angoniaktit Nanikgiaktukpaktunik Katimayit	☐	☒	☐	☐	☐	☐	☐	☐
inReach Earthmate Iliuraqhimayumik	☐	☒	☐	☐	☐	☐	☐	☐
MODIS, Sentinel, Radarsat piksaa	☐	☐	☐	☐	☐	☐	☒	☐
Polar View	☐	☐	☐	☐	☐	☐	☒	☐
Qiniqhiajit Anaktuinirmunlu	☐	☐	☐	☐	☒	☐	☐	☐
SIKU, unalu SIKU Iliuraqhimayumik (Nunauyat)	☒	☒	☐	☐	☒	☐	☒	☒

Hapkua titiraujaqhimajut pidjutiqaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - SATELLITE IMAGE PRODUCTS USED

Along with community sources of information to decide if it is safe to travel, Nunavummiut respondents use a wide range of satellite image products.

	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
Environment Canada Satellite Imagery	☐	☐	☐	☐	☐	☐	☒	☒
EOSDIS Worldview (NASA)	☐	☐	☐	☐	☐	☒	☒	☐
Friends share satellite images on Facebook	☐	☐	☐	☐	☐	☐	☒	☐
Geniusmap (offline GPS navigation app)	☐	☐	☐	☐	☒	☐	☐	☐
Geographic Information System (GIS)	☐	☐	☐	☐	☒	☐	☐	☐
Google (Google Image/Earth/Maps)	☐	☒	☐	☐	☒	☐	☒	☒
Hunters and Trappers Organization	☐	☒	☐	☐	☐	☐	☐	☐
inReach Earthmate app	☐	☒	☐	☐	☐	☐	☐	☐
MODIS, Sentinel, Radarsat imagery	☐	☐	☐	☐	☐	☐	☒	☐
Polar View	☐	☐	☐	☐	☐	☐	☒	☐
Search and Rescue	☐	☐	☐	☐	☒	☐	☐	☐
SIKU, and SIKU app (maps)	☒	☒	☐	☐	☒	☐	☒	☒

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT - QANGATAYUKKUT PIKSAT ATUQTAUJUT (AULAHIMAAQTUQ)

	Arviat	Kangiqtuqaapik		Uqhuqtuuq		Mittimatalik	
		Iqaluktuuttiaq	Salliq		Iqaluit		Sanikiluaq
SmartICE	☐	☐	☐	☐	☐	☒	☐
Windy.com unalu Windy lliuraqhimayumik	☐	☐	☐	☒	☐	☐	☐
Zoom Earth	☐	☐	☐	☒	☐	☒	☐

Hapkua titiraujaqhimajut pidjutiaqtut naunaijautinut ilaujut kiudjutait kitunik atuqpaktainik atugakhanik. Naunaiqhimalugu ilangit ukuat hunavaluit atuqtauvakhimajut nunalaani ilaujunik ilaungitunut talvani naunaijaunmi.



Piksa: Andrew Arreak

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS - SATELLITE IMAGE PRODUCTS USED (CONTINUED)

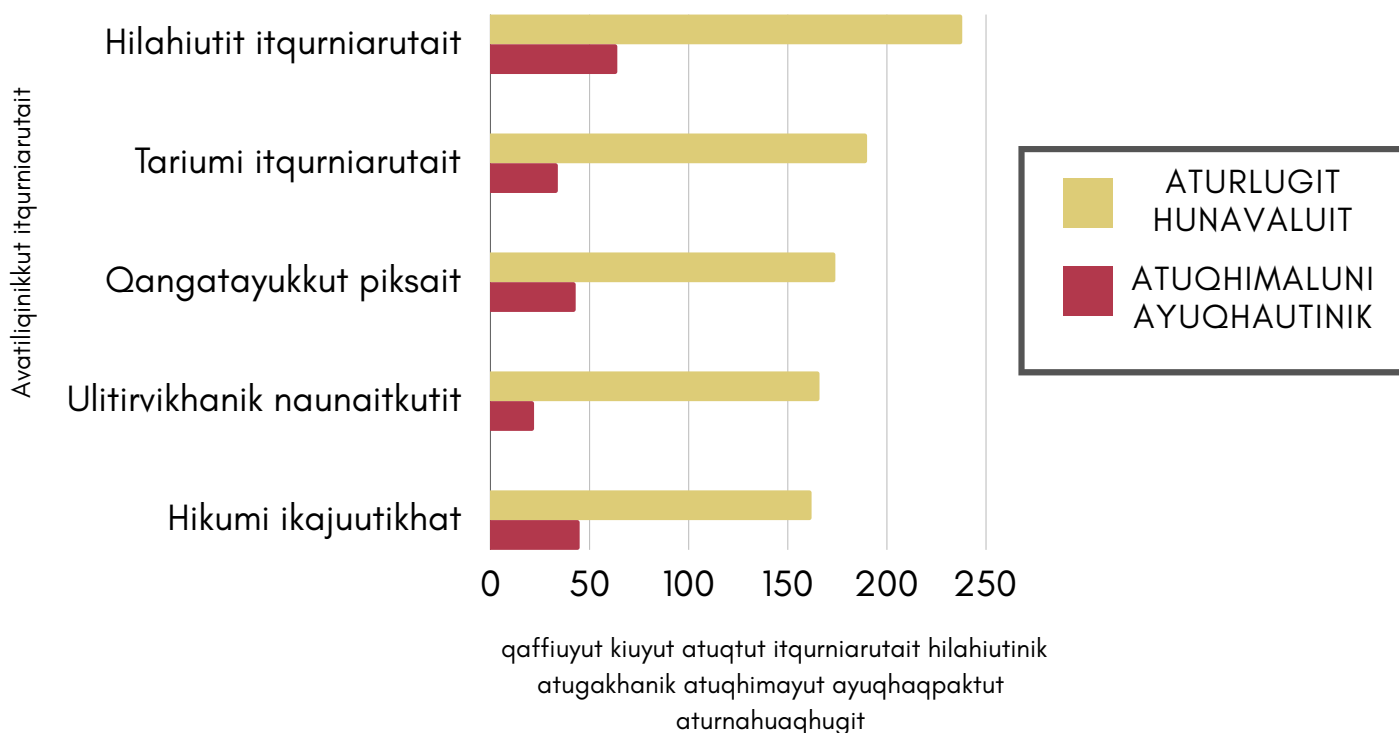
	Arviat	Cambridge Bay	Clyde River	Coral Harbour	Gjoa Haven	Iqaluit	Pond Inlet	Sanikiluaq
SmartICE	☐	☐	☐	☐	☐	☐	☒	☐
Windy.com and Windy app	☐	☐	☐	☐	☒	☐	☐	☐
Zoom Earth	☐	☐	☐	☐	☒	☐	☒	☐

These graphics reflect survey participants' responses about product use. Note that some of these products are used by community members who did not participate in the survey.



Photo: Andrew Arreak

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT (AULAHIMAAQTUQ)

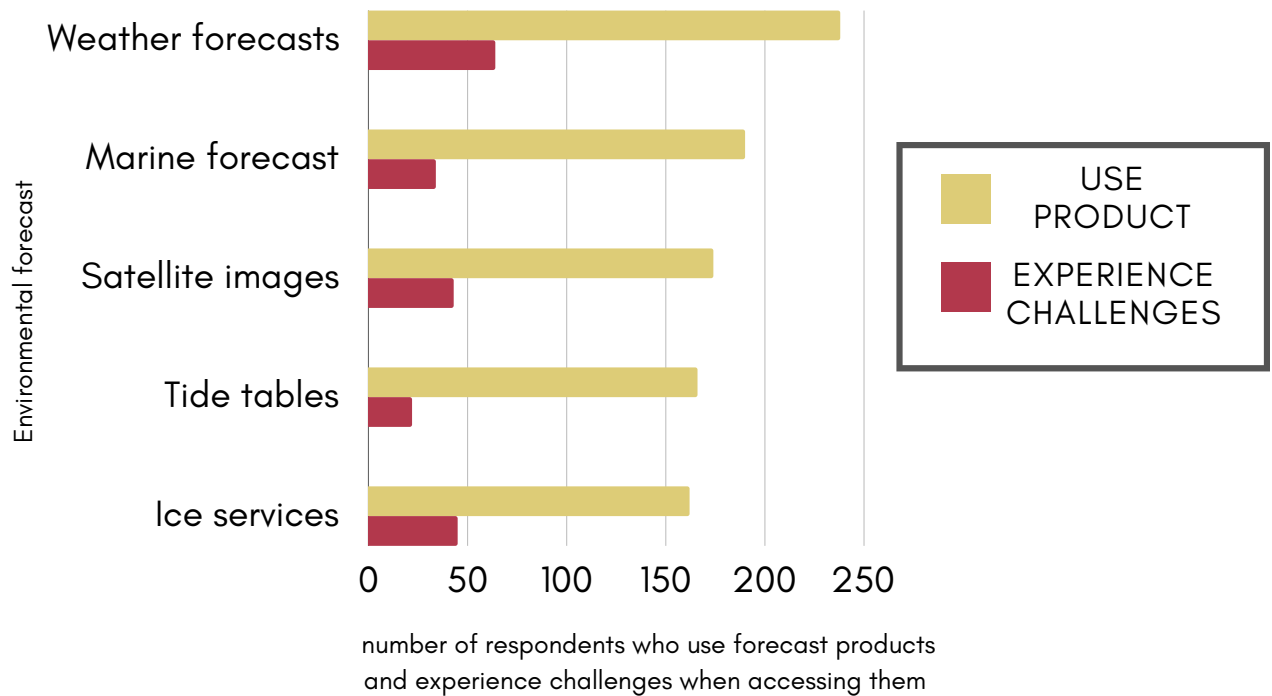


Ukua itqurniarutait hanahimajut atuqtaujut, kiujutiqaqtut ihariagijauvaktutt hilahiutitut itqurniarutait Una maliktaujuq tariumi itqurniarutait, satellite piksanik, tinitparvia ulitparvia ikpatinik naunaitkutit, hikumilu ikajuutinik.

Ukunanga 66% ilaujut atuqhimajait **hilahiutit itqurniarutait**, 27% atuqhimajut ajuqhaqpaktut aturnahuaqhugit. Ukunanga 53% ilaujut atuqhimajut **tariurmi itqurniarutainik**, 18% atuqhimajut ajuqhaqpaktut aturnahuaqhugit.

Qilainaqhiut piksat atuqtaujut imaattut 48% ilaujunit, 25% kitkut atuqhimajut ajuqhaqpaktut pinahuarangamikik. **Tinitparvia ulitparvia naunaitkutit** atuqtauvaktut hapkunanga imaattut 46% atuqtaujuni imaalu hapkunanga, 13% ilaujut atuqpakhimjait ajuqhautit. **Hikumi ikajuutikhat** atuqtauvaktut imaattut 45% ilaujunit hapkuallu, 28% atuqtauvaktut ajuqhaqpaktut aturnahuaqhugit

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS (CONTINUED)



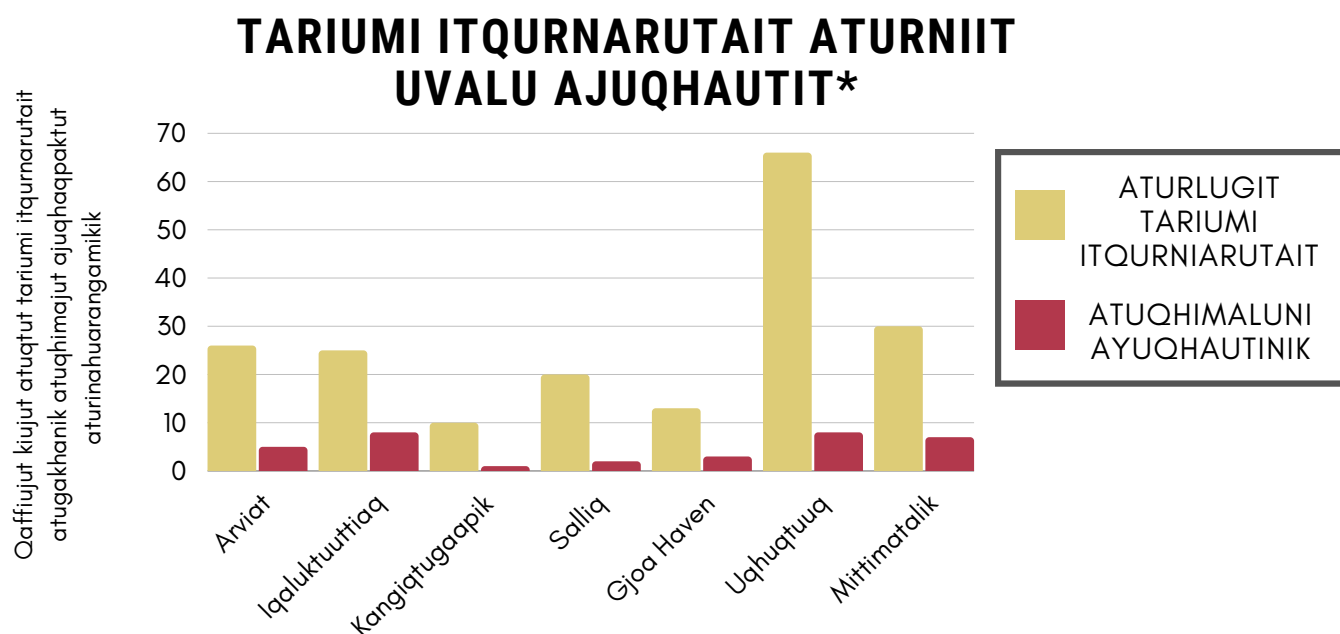
Of the forecasting products used, respondents most often rely on weather forecasts. This is followed by marine forecasts, satellite images, tide tables, and ice services.

Of the 66% of participants who use **weather forecasts**, 27% experienced challenges when accessing them. Of the 53% of participants who use **marine forecasts**, 18% experienced challenges when accessing them. **Satellite images** were used by 48% of participants, 25% of whom experienced challenges when accessing them. **Tide tables** were used by 46% of participants and of these, 13% experienced challenges. **Ice services** were used by 45% of participants and of these, 28% experienced challenges when accessing them.

HANAJAUNIT PILARNILU AVATILIQUTIT NALAUTAGAUJUT (AULAHIMAAQTUQ)

Pijaangat avatiliqinikkut itqurniarutait, ilangit ilaujut atuqhimajait ajuqhautit (**takulugu mapirniai 63 unalu 64**). Hapkua aallangajut nunagijaujunit, imaatut:

- Hamanai Arviat, Uqhuqtuumi, Mittimatalimilru, ilaujut atuqpakhimajut ajuqhautinik aturinahuarangamikik **hilap itqurniarutait**.
- Kangiqtugaapingmi ilaujut atuqhimajut ajuqhautinik aturinahuarangamikik **hilahiutit uvalu imakktut itqungniarutainik**.
- Sallirmi, ilaujut atuqhimajut ajuqhautinik pinahuarangamikku **hikukktut ikajuutikhatik**, Iqalungnilu ilaujut atuqhimajut ajuqhautinik atuliqpaktut pinahuarangamikku **Qilainaqhiut piksanik**.
- Amigaitut ilaujut Arviani Iqaluktuutiamilu atuqhimajut ajuqhautinik naunaijairangamik **tinitparvia ulitparvia naunaitkutit**, ahiinit nunagijaujunit.



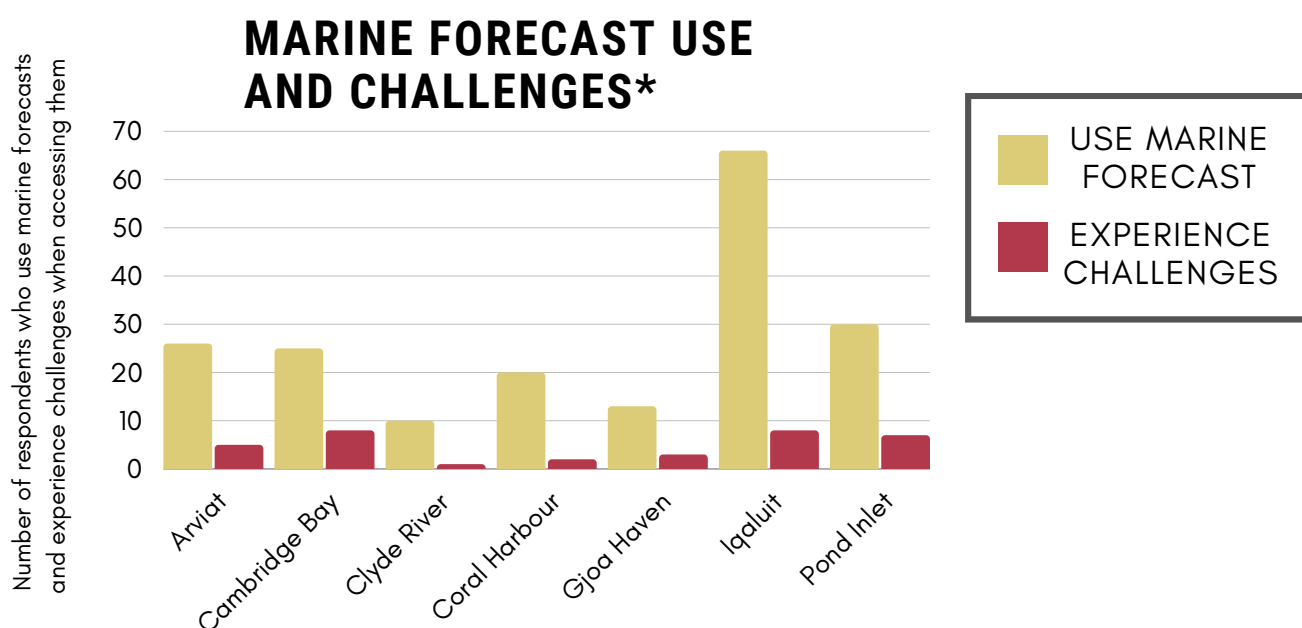
Una uuktuutigillaklugu, qaffiujut ilaujut atuqtut **tariumi itqurnarutait** atuqtaillu ajuqhautit aturinahuarangamikik, aadlatqiingujut nunallaanit. Iqalungni, tamaita 66 ilaujut atuqtut tariumi itqurniarutait, 12 hapkunanga atuqhimajut ajuqhautaujunik tapkunanga Mittimatalingmi 30 hapknunanga 46 ilaujut atuqhimajut tariumi itqurnarutait, 7 atuqhimajut ajuqhautaujunik.

***Ajuqhautiqangitut unniqtauhimajut Sanikiluami**

PRODUCTS AND ACCESSING ENVIRONMENTAL FORECASTS (CONTINUED)

When accessing environmental forecasts, some participants experienced challenges (**see pages 63 and 64**). These varied by community, for example:

- In Arviat, Gjoa Haven, and Pond Inlet, participants most often experienced challenges when accessing **weather forecasts**.
- In Clyde River participants experienced challenges accessing **weather and marine forecasts** only.
- In Coral Harbour, participants most often experienced challenges when accessing **ice services**, and in Iqaluit participants experienced challenges most often when accessing **satellite images**.
- Many more participants in Arviat and Cambridge Bay experienced challenges when accessing **tide tables**, than in other communities.

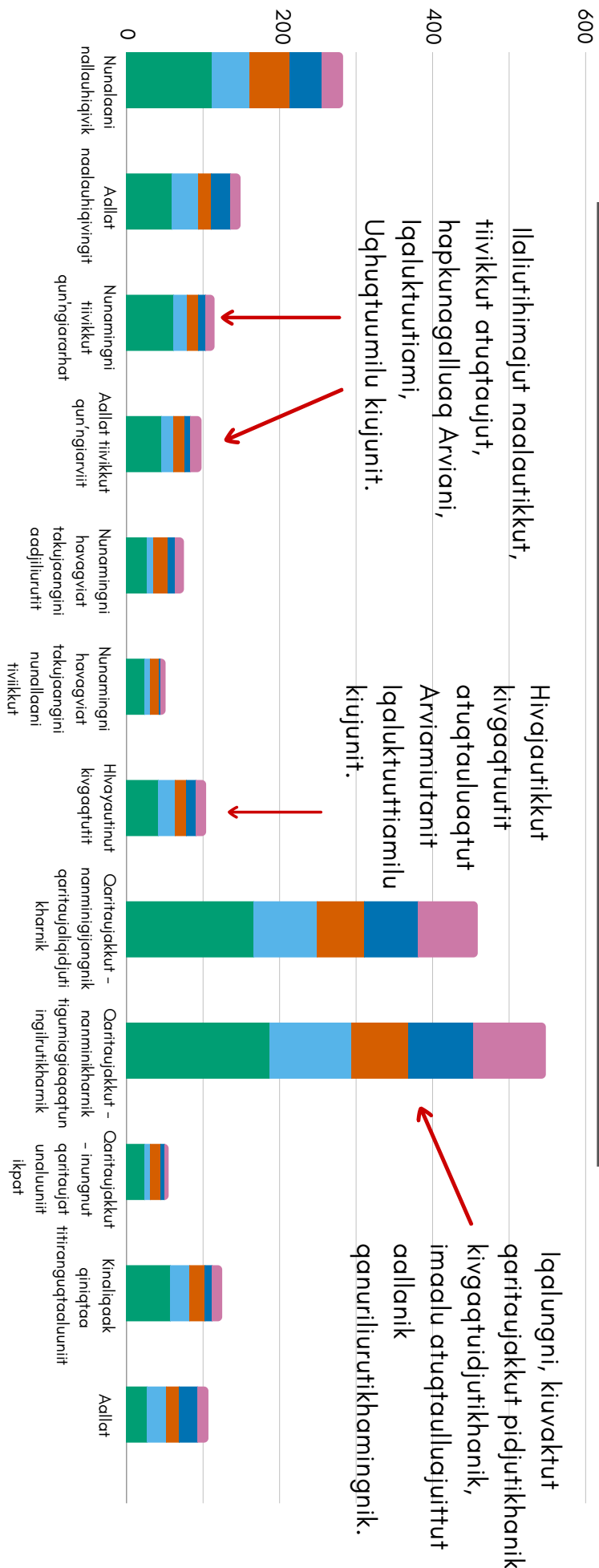


As an example, the number of participants who use **marine forecasts** and who experienced challenges when accessing them, varied by community. In Iqaluit, all 66 participants use marine forecasts, 8 of whom experienced challenges compared to Pond Inlet where 30 of the 46 participants use marine forecasts, 7 of whom experienced challenges.

***No challenges were reported in Sanikiluaq**

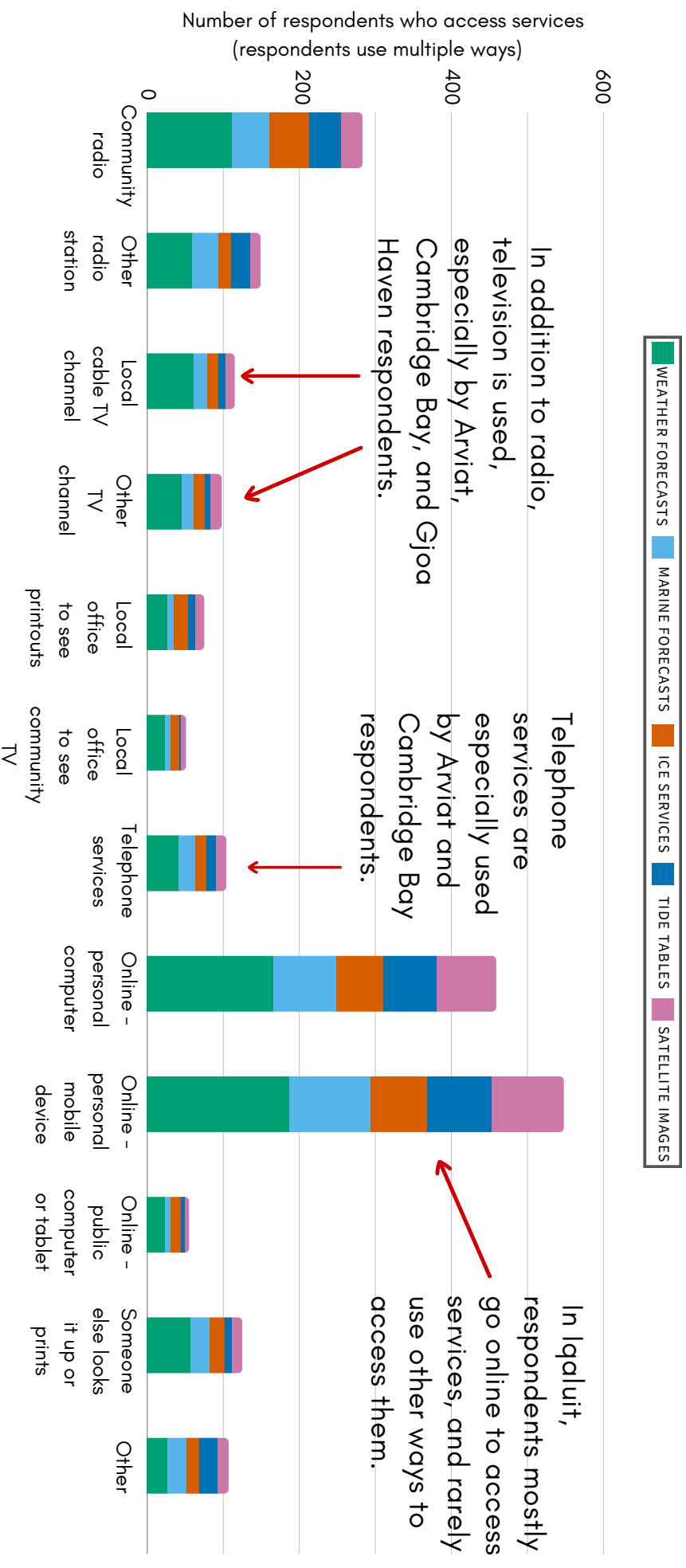
QANURILURUTIKHANGITT NUNAVUNMIUT KIVAKTUT PINNARIALAQILUGIT POLAR SERVICES

Qaffiuyut kiuyut pivaktut kivgaqtuidjutikhanik
(kiuvaktut atuqpaktut amigaitunik qanuriiniinik)



Nunavunmiut kiujut pittaqaqtumik amigaitunik aalatqiinik avatiliqinikkut itqurniarutait atuqtakhanik aalatqiinik qanuriiniitigut; qaritaajakkut aturlutit nanminik nakhaqataqtamik, nanminik qaritaujamik, imaalunait naalaklutik nunamingni naalautikkutunik. Hilahuitit itqurniarutait naunaijaqtauvaktut, tamainun pivkhainut hamaniitukkut. Kiuvaktut aturningit qaritaajakkut inuup ingilrutait tukigaqtuq takuupraktut aallatqiinik kivgaqtuidjutikhanik imingnik takuludjutiupilugit. Nunalaani naalautikkut, taima akhurnarluangittut Iqalungni, anginiqaqtut pijivikhangit naunairutikhanik mikitqijajuni nunalaani. Naalariami naalautinik tukigaqtuq kiujuvaktut nahurijainik aallat inuit kangiqhitarutainik avatiliqinikkut itqurniarutait hanahimajunik, talvulluaq hivullkpaamik qaritaajakkut ihuaqtinik.

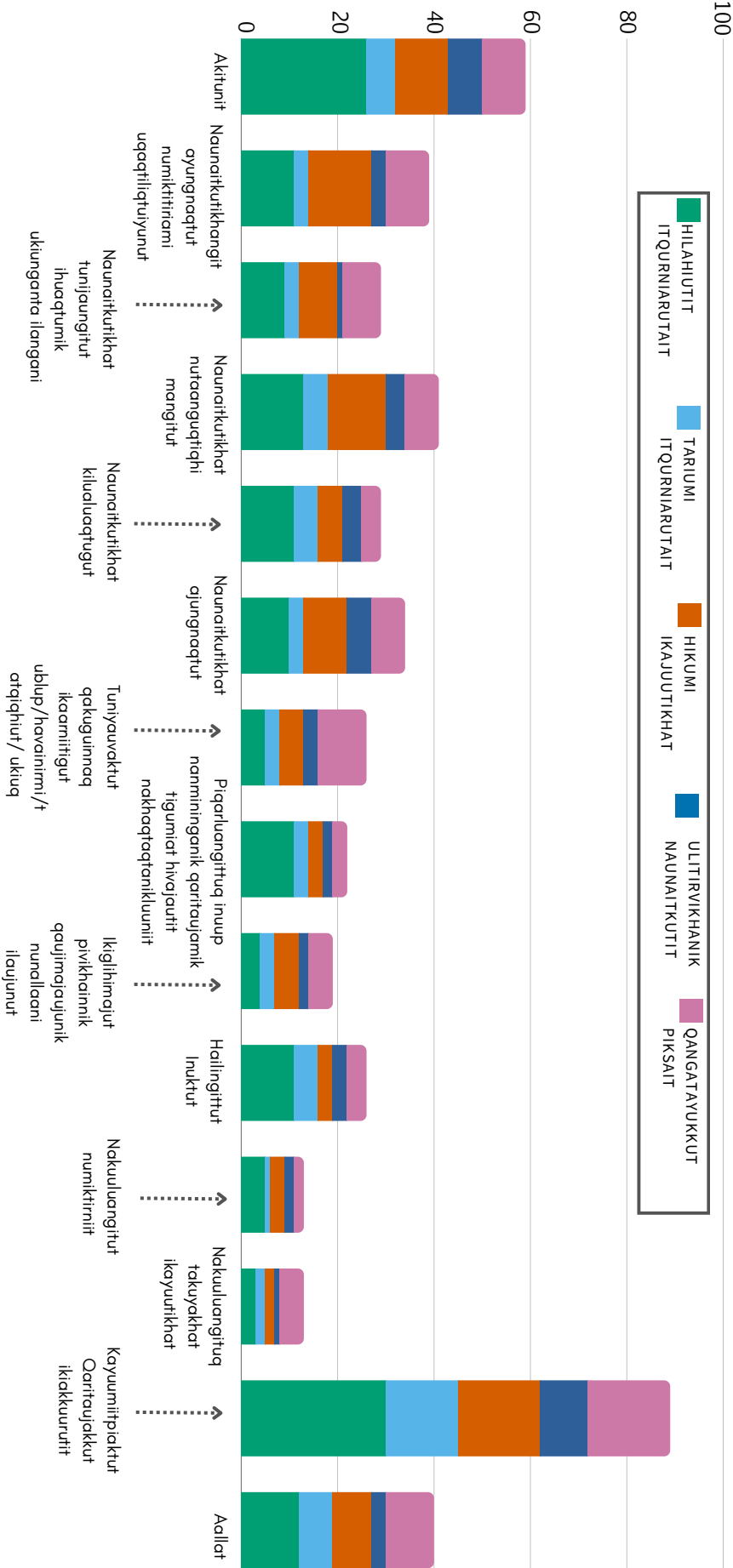
WAYS THAT NUNAVUMMIUT RESPONDENTS ACCESS POLAR SERVICES



Nunavummiut respondents access a broad range of environmental forecast products in a range of ways; mostly by going online using a personal mobile device, personal computer, or listening to community radio. Weather forecasts are accessed most often, through every means presented here. Respondents' use of online personal devices means they look up a range of services themselves and view them directly. Local radio, while less critical in Iqaluit, is an important way to access information in smaller communities. Listening to radio means respondents rely on other peoples' interpretations of environmental forecast products, versus getting it first-hand as with online devices.

HUO AVATIKKUT ITURNIARUTAUJUT NAUNAITKUTAQ AJURNAQTUR NUNAVUNMIUT KIJJUT PINARIALAQIGIAM

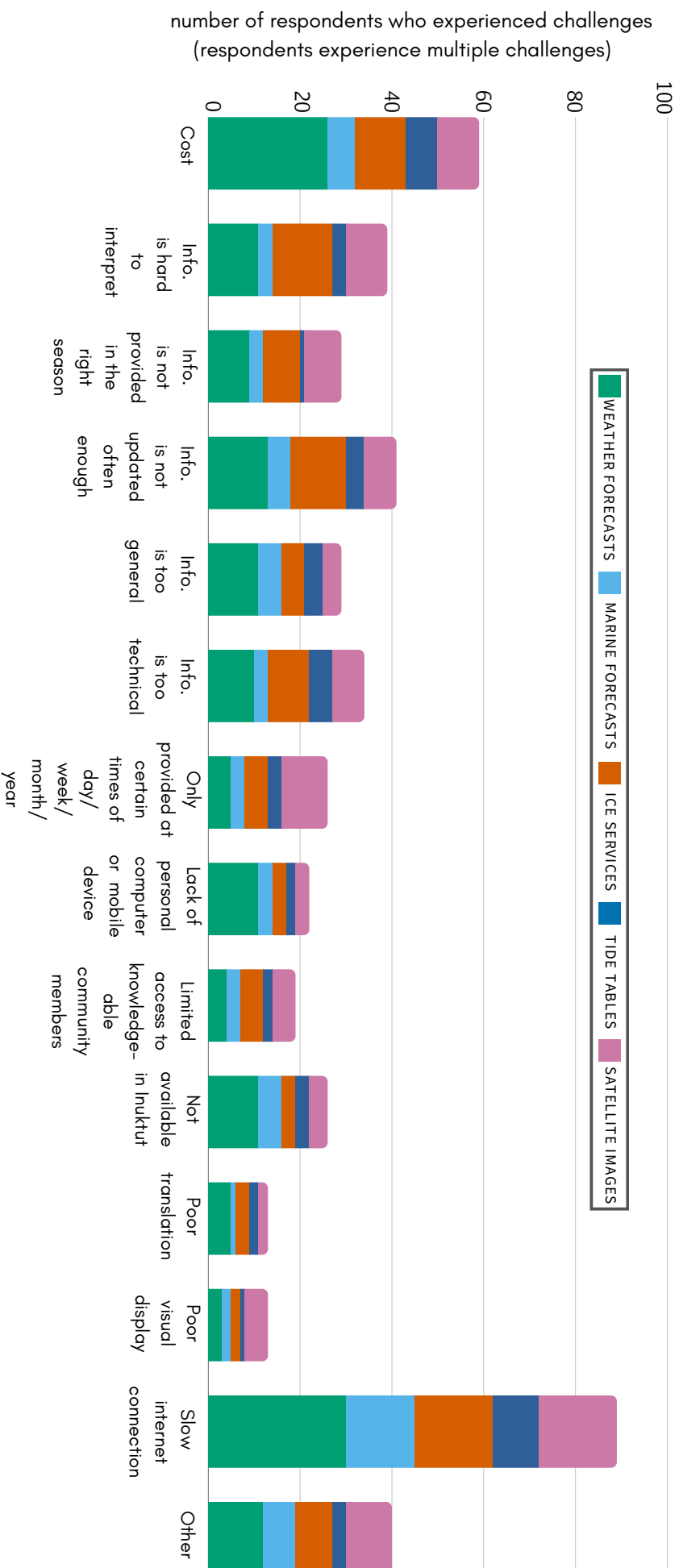
qaffiujut kiudjutiqaqtut atuqhimayut akhuurnaqtunik
(kiudjutiqaqtut atuqhimayainik amihunik akhuurnaqtunik)



Nunavunmiut kiujut naunaiqhijut qaffiujunik pidjutaunuk naunaikukhahat ajungnarluaqtiluni pidjutikhanik.
Takulugu makpiraanga 64 aadlanik naunaikutanik.

Hapkua naunaiqtaudjutait qanuriniit pidjutigangitut ajuqhautinik aalani najugaini.

REASONS WHY ENVIRONMENTAL FORECASTING INFORMATION IS DIFFICULT FOR NUNAVUMMIUT RESPONDENTS TO ACCESS



Nunavummiut respondents identified a number of reasons why information is difficult to access.

See page 64 for additional details.

These results do not necessarily mean that there are no challenges in other areas.

HUUQ AVATIKKUT ITQURNIARUTAUJUT NAUNAITKUTAQ AJURNAQTUR NUNAVUNMIUT KIUJUT PIINARIALAQIGIAMI (AULAHIMAAQTUQ)

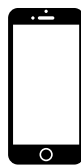
Akhuurutaujuq huuq naunaitkutaq ajurnaqtuq piinarialaqigiami, Nunavunmiut kiujut naunaiqhiju, ilaqaqtut:

AKITUNIT



- Pidjutigijaat akiinut ingilrutit, qaritaujat pijaangnirit/hivajautikkut ikkiakkuurutikhat, kivgaqtuutillu pijariaqaqtut titiraqhimajut.
- Ajuqhautauvaktut aturinuhuarangamikik tamaita qaritaujakkut hunavaluit, hilahiutit itqurnahuaruait.
- Ajuqhautauvaktut tamaini nunallaani, kihiani lqalungni.

PIQARLUANGITTUQ INUUP NANMINGANIK QARITAUJAMIK TIGUMIAT HIVAJAUTIT NAKHAQTAQTANIKLUUNIIT



- Ajuqhautauvaktut tamaini nunallaani, hilahiutit itqurniarutait hikukkullu kivgaqtuutit.
- Hilap hikuplu qanurinniit aallangurniarunaqhijut qilamik Ukiuqtaqtumi Kanadami. Nunallaamiutat nutaanguqtiqhimajukhat ilitturipkaidjutikhanik aullaariami ihumaliuriami ikajuriami qajangnaittumik aullaariami.



KAYUUMITPIAKTUT QARITAUJAKKUT IKIAKKUURUTIT

- Ajuqhautauvaktut pinahuarutikhanik tamainik qaritaujakkut hunavaluit, uumanilluaq, hilakkut itqurniarutait.
- Ajuqhautauvaktut tamaini nunallaani.



NAUNAITKUTIKHAT NUTAANGUQTIQTAUQATTAJUITTUT

- Ajuqhautauvaktut pinahuarutikhanik tamainik qaritaujakkut atuqtakhanik.
- Ajuqhautauvaktut tamaini nunallaani, hamanilluaq, Sallirmi.

REASONS WHY ENVIRONMENTAL FORECASTING INFORMATION IS DIFFICULT FOR NUNAVUMMIUT RESPONDENTS TO ACCESS (CONTINUED)

Key reasons why information is difficult to access, that Nunavummiut respondents identified, include:

COST



- Refers to cost of devices, internet access/cellular data, and services requiring subscriptions.
- A challenge for accessing all online products, especially weather forecasts.
- A challenge in every community, except Iqaluit.

LACK OF PERSONAL COMPUTER OR MOBILE DEVICE



- A challenge in every community, and particularly for weather forecasts and ice services.
- Weather and ice conditions can change rapidly in Arctic Canada. Community members need up-to-date information to make travel decisions to support safe travel.



SLOW INTERNET CONNECTION

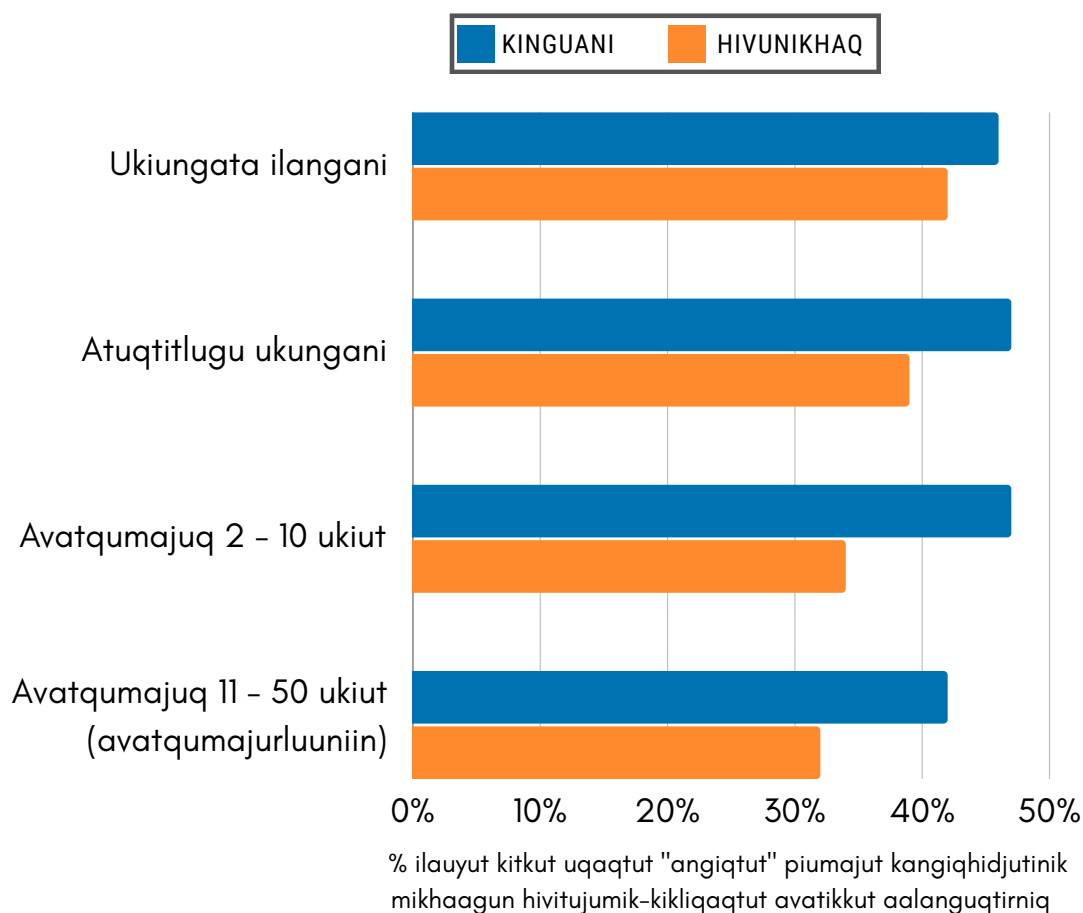
- Creates a challenge for accessing all online products, in particular, weather forecasts.
- A challenge in every community.



INFORMATION THAT IS NOT UPDATED OFTEN ENOUGH

- Creates a challenge for accessing all online products.
- A challenge in every community, in particular, Coral Harbour.

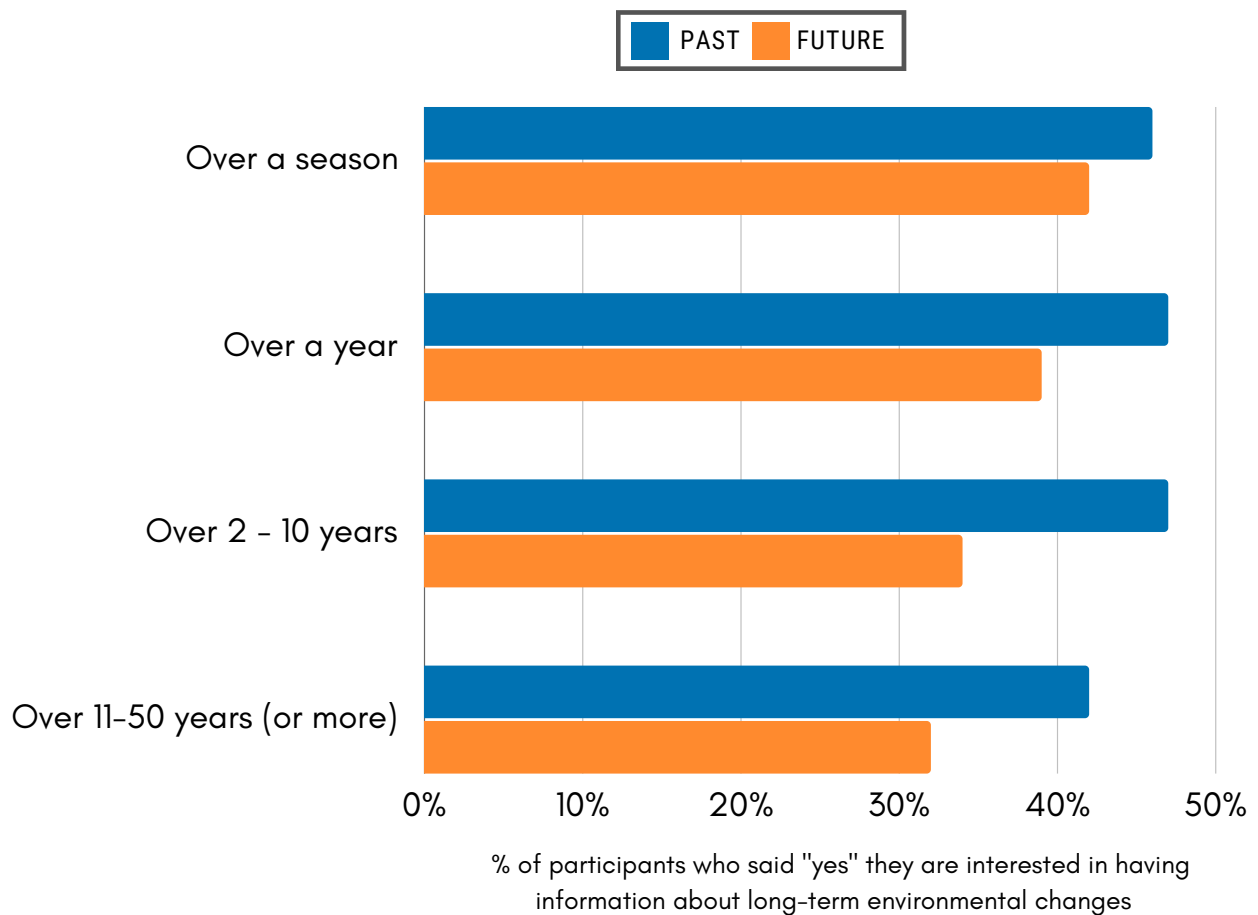
ILANGA AKILIQTAKHANGIT NAUNAITKUTANIK QANGARAALUNGMI HIVUNIRMILU AVATINGANUT AADLANGURNINGIT



Amigaitqijat ilaujut pijumajut naunaiqhithamingnik aalangurninginik hilakkutt, imakkut, hikup qanurininginik (pidjutiqagtut hilap aalangurninginik) atauhirmi ukiumi ukiupluniit pijumaplutik hivunirmi aallanguqtirninginik (itqurniarutainiklu).

Ilaujut pijumajut naittumik aalanguqataaqtut (avatqumajut kingulirmi ukiumi aalangurniik, (kingulirmi ukiumi atuqtauhimajunik, imaalu kingulirmii 2-10 ukiuni), piumajut aalangurniit hivitutqijaujaumi tatqiqhiutini nauaiqtauhimajunik (avatqumajuq kingulirnini 11-50 ukiuni avatqutuguluuniin).

INTEREST IN INFORMATION ABOUT PAST AND FUTURE ENVIRONMENTAL CHANGES

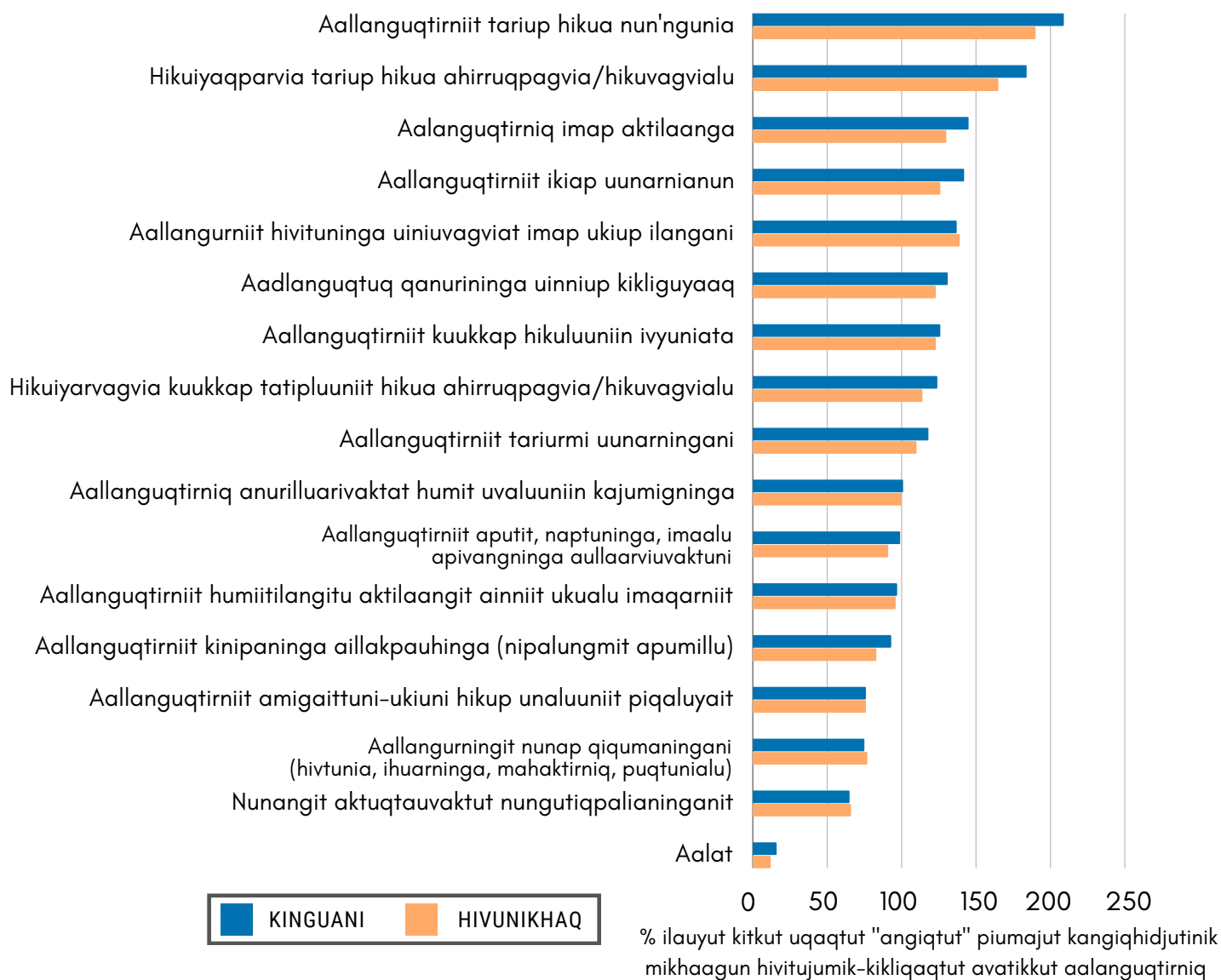


More participants are interested in information about past changes to weather, water, or ice conditions (related to climate change) than are interested in future changes (predictions).

Participants are slightly more interested in the shorter timescales of past changes (over the past season, past year, and past 2-10 years), than are interested in changes over longer timescales (over the past 11-50 years or more).

ILANGA AKILIQTAKHANGIT NAUNAITKUTANIK QANGARAALUNGMI HIVUNIRMILU AVATINGANUT AADLANGURNINNGIT (AULAHIMAAQTUQ)

NAUNAITKUTAQ QANGARAALUNGMI HIVUNIRMILUUNIIT AADLANGURNINNGA IHUMALIURIAMI

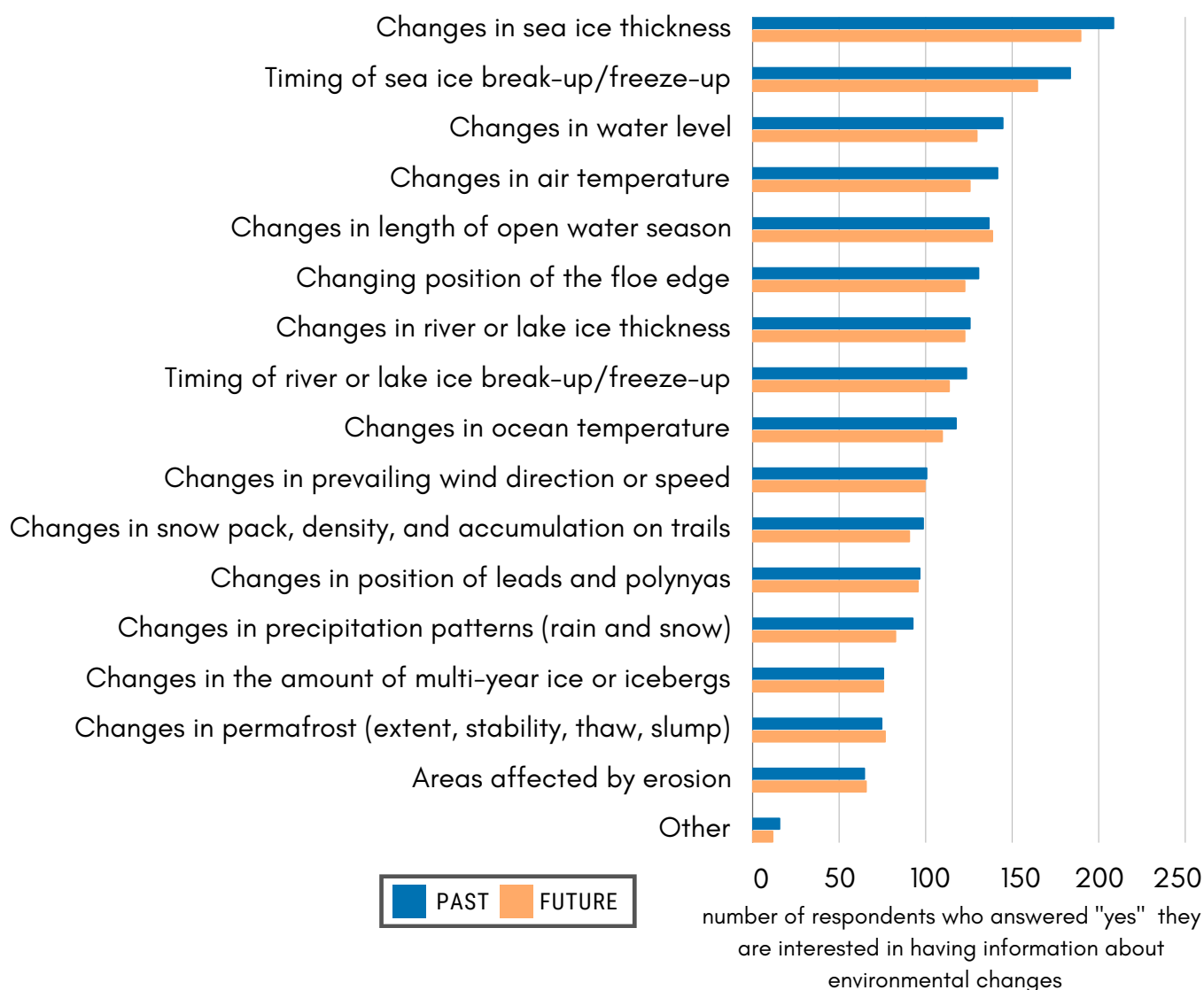


Avatiliqinikkut qanuriniit angijumik pijumanit pidjutiqaqtut kinguaguti uvaluniit hivunikhami allangurnit ilaqaqtut: aallangurniit tariup hikup ivjuutilanganikqakugungurangat tariup hikua ahirruqtiqpauhianik/ tariuq hikuuvauhianik, immap aktilanganik, ikkiap uunarnia, aallangurnianik aktilanganiklu hivituninganik unniup. Tapkua kitkut kiujuut "Aallat" piumajut kangiqhidjutinik mikhaagun kinguani uvalu hivungani aalanguqtirniit uumajut amigainiit, imaalu kinguani aalanguqtirniq hapkununga: ukiup iluani, tinitparvia ulitparvia, nunap qiqumaninga, nauvakhimajut nauvallianiit, nunap hilataani najugaa, Nunarjuap qitqaa (North Pole), nungutirniranun, uvalu inungnun-maniliurnikkut hulaqutit hilaup aallanguqtirniranun uvalu hungiutinirmun.

INTEREST IN INFORMATION ABOUT PAST AND FUTURE ENVIRONMENTAL CHANGES

(CONTINUED)

INFORMATION ABOUT PAST OR FUTURE CHANGES FOR MAKING DECISIONS



Environmental conditions of greatest interest related to past or future changes include: changes in sea ice thickness, timing of sea ice break-up/freeze-up, water level, air temperature, and changes in length of open water season. Those who answered "Other" are interested in information about past and future changes to wildlife populations, as well as past changes to: seasons, tides, permafrost, plant growth, the earth's atmosphere, magnetic fields around the North Pole, erosion, and socio-economic impacts of climate change and adaptation.

ILHAQATAUYUMAYUQ AYUIQHANIRMI

Hapkunanga atauttimut 360 naunaijautinut ilaujut, qanituani 16% uqaqtut ihumagijamingnik pijumaplutik ajuiqharumajamingnik. Ilaujut kiujut ihumaliuqtaujukhanik apiqutimik uqatiariangani ajuiqhajumajamingnik. Uvagut (unniudjutit titiraqtiujut) havaktait hapkua qanuriniit, ihuaqhariangini ihumagijaujut pidjutigiblugit kitunun ilihaidjutinun piumajaitigut, ilaujut: 1) Ihuaqhijuumirlugu naukkuurvikhatik ajuittakhainik nunami; 2) Pivalianingit Aanningitaagani Annakhimanikulu Ajuruirutinik Maniqqami; 3) Amigairjuumilugit Qauyimayakhatik Avatiliqinikkut Qanurinningit; 4) Atadjutikhait Nunamingni Pinahuarutit uvalu Kivgaqtuutit; 5) Ayuqpallianirmik Qauyimajakhamingnik Iilitaqhinirmik Qaritaualiqidjutikharnik; imaalu, 6) ajuiqpallianirmik anguniarnikkut uvalu Inuit pitquhiitigut atuqtaujut ajuittakhait imaalu atuqpaktainik



Ihuaqhijuumirlugu naukkuurvikhatik ajuittakhainik nunami

- Pivallialutik qanuqtut naukkuurvikhamingnik ajuiqtakhanik
- Ajuiqhalutik atuinnaqhimaittumik uminga GPS
- Pitquhikkut naukkuurvikhamingnik naunaijautigivaktainut ilaujut hiqiniq, ubluridjat, tatqirlu, apunmik (qimurjuutlu)
- Ajuiqharlugit nunat atiit, najugauvaktutlu atiit
- Ajuiqharlutin aullaarviuvaktunik ingilravingit, naittukkut, kuukkat ikaarvikhangit
- Ajuiqhalutin anguniarviuvaktunik imaalu uumajut auladjutikharnik aulavikhangit
- Naukkuurvikhamingnik naunaijautigivaktait qiniqhiaplutik hilarluktitlugu
- Naunaijaqhugit/nunaujanut naukkuurvikhamingnik hivurarnaitukkut (imaa hakugiktut harvaqarnit, hivuuranaqtut najugait)
- Naunaijaqhugit/nunaujat apqutait/apqutigijauvaktut
- Taiguarnirmik havangnirmiklu nunaujanik
- Ajuikhalutin naukkuurvikhamingnik talvanga:
 - Inirnikhaat
 - Iqalukhiurnikkut Tariurmiutaniklu Ajuiqharnikkut Katimajiit
- Pivalliajaangat ajuittiarutikharnik malikhautikharnik
- Aullarniq ilihimangitamingnut nunakkut, hikukkut
- Naukkuurvikhamingnik naunaijautigivaktut imarmi qajaqtuqhutik



Pivalianingit Aanningitaagani Annakhimanikulu Ajuruirutinik Maniqqami

- Ukiuqtaqtumi annakhimanikkut ajuiqhautit
 - qanuriliuriutikharningnik pijaqquqtuqaqqat
- Aanniqtuqaqqan Parnatit
 - maniqqami uvalu haniqpianiittukkut ilihaidjutit
 - ajuiqhaqtut naunaitkutaqaqtunit ilihaijinit
 - hunanik piqaqtukhat aanniqtuqaqqat atuqtakhat puuk
- Qajaqtuqhutik/hikumi/nunami qajangnairutikharnik
- Qajangnaqtut najugait haniani tariup hikuani uvalu nunami
- Ikajuqtaunirmik
- Qiniqhiayit Ilihaidjutait
 - hikumi qajangnaitkutikhat/annaudjijut
 - Inungnut Tingmitikkut Qiniqhiayit Annaudjijitlu Katimajiit
 - Nunavunmi Amigaqhuutiqaqqat Ikajuutit
- Pitquhikkut nunami uvalu anaktuinikkut ajuiqhautit (tapkununga hivulirnut/inulramiit anguniaqtit)
 - Nunami imarmilu
 - Hilami ajuittakhaitit
 - Maniqqami igluliurnirmik (imaa igluit, ujaqqat igluliuqhimajut)
 - Aturningit nauttiat
 - Qanuqtut aturiaqarninganik qilamik hila aallangurninganik
 - Qanuqtut upalungaijariami, imaaluuniit hunanik pijukhaujutit aullaqaqtinatit
 - Inmikkut aullarnirmik (qanuriliurutikhatit avalingaaruvit)
 - amigaqhuutiqaqqan mikiunik ingniqutikharnik ihuaqhautikhat

INTEREST IN TRAINING

Of the total 360 survey participants, about 16% said they were interested in receiving training. Participants responded to an open-ended question to describe the training they were looking for. We (report writers) created these general categories, to organize points according to key areas of training interest, including: 1) improving navigations skills on the land; 2) developing safety and survival skills on the land; 3) increasing knowledge of environmental conditions; 4) connecting to local programs and services; 5) gaining familiarity with technology; and, 6) strengthening hunting and Inuit cultural skills and practices.



Improving Navigation Skills on the Land

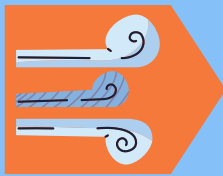
- Develop wayfinding and navigation skills
- Learn to not rely on GPS
- Traditional navigating including by sun, stars, moon, and snow (drifts)
- Learn land names, place names
- Learn travel routes, shortcuts, river crossings
- Learn about hunting areas and animal migration routes
- Navigating in bad weather
- Identifying/mapping navigational hazards (e.g. strong currents, dangerous areas)
- Identifying/mapping trails/routes
- Reading and creating maps
- Learn to navigate from:
 - Elders
 - Fisheries and Marine Training Consortium (NFMTTC)
- Develop skills to become a guide
- Travelling to unfamiliar places
- Navigating on the water



Developing Safety and Survival Skills on the Land

- Arctic survival skills
 - what to do if an accident happens
- First aid
 - field and wilderness training
 - learn from certified instructors
 - what to have in a first aid kit
- Boat/ice/land safety
- Dangerous areas around sea ice and or on the land
- Getting help
- Search and rescue training
 - ice safety/rescue
 - Civil Air Search and Rescue Association (CASRA)
 - Nunavut Emergency Services
- Traditional land and survival skills (especially for first-time/young hunters)
 - On land and water
 - Outdoor skills
 - Shelter building (e.g. igluit, stone houses)
 - Uses of plants
 - How to adapt to sudden weather changes
 - How to prepare, or what to get before going out
 - Independent travel (what to do if you are alone)
 - emergency small engine repair

INTEREST IN TRAINING (AULAHIMAAQTUQ)



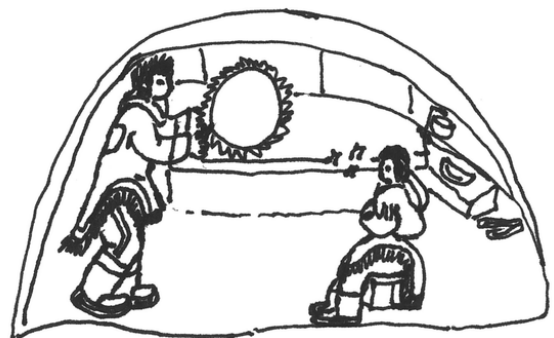
Amigairjuumilugit Qauyimayakhatik Avatiliqinikkut Qanurinningit

- Qanuq hilaup aallanguqtiininga aktuutauvaktu hilakput uvalu avatikput
- Kitut avatiliqinikkut qanuriniit qun'ngiariami/taiguriami nunamut qanuqtullu qanuriliuriami
 - Hikup, nun, immap, uvalu tariup qanuriinia
 - kuukkat imaalu marluk
 - Hilap qanuriiniit, munariblugit, ihumagijaujut, itqurniarnikkut imaalu (nutaangujut) ajuiqhautit
 - Iliharnirmik talvuuna tariup hikuaniq ilautitlugit qunngiarniq/naunaijainirmik hikup ivjuutilanganik imaalu qajangnarninganik najugaini
 - Najugangit ingutaarningillu ainniit unalu hikuilrut
 - Aktuutaujut ulitirnia/tinitirnia
 - Najugaini hakugiktut ingilraniit
 - Ukiup ilangani aallanguarniit
 - Naunaijautigiplugit nuvujat qanuriniit imaalu anuriitlu qanurniit
- Avatiliqinikkut qanuriniit naunairiiqhimajut inikhainni
- Munarihimaarniq uumajunik
- Kangiqhimablugit ingilraarnitat naunaitkutit hikkup ahirrukpangniit/hikuutiqparviit aadjiliurutigiblugu ublumi
- Pivallialutik pittiarutikharnik avatiptingnun avatiliqinikkut qanuriniit
- Amigairjuumilugit pivikhait inulramiit arnarutit ilihariangini avatiliqinikkut qanuriniit uvalu naukkuurvikhatik uvalu qajangnaitumik maniqqami



Atadjutikhait Nunamingni Pinahuarutit uvalu Kivgaqtuutit

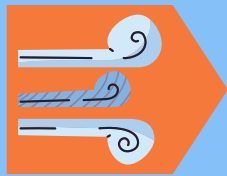
- Arviani Aqqiumavvik, Inulramiit Anguniaqtiujut Pinahuarutit
- Ajuiqhalutik Inirnikhanit, anguniaqtinit, anguniaqtitijut, aallaniklu ajuittuniklu aullaarnirmik nunamut
- Anguniarnirmik pianhuarutit talvuuna avatingnut imaalu kittut anguniarviuvaktut nirjutiaqatut, hikup qanurilinganingit taimaittumik.
- Nunavunmi Ilihariaqpaallirvik nunami ilihaqtakhait (Avatiliqinirmut Qaritaujaliqinikkut Ilihaktakhait)
- Kanatamiuni Angujaktit
- Anguniaqtuliqiyitkut Katimayiinin
- Polar Knowledge Canada
- Ajuikhalutin nunalaani munaqhijutikhait ilihairutikharnik qanurlu pijaangat naunairutingnik
 - Ungahiktut nunalaani hilahiutit
 - SmartICE
- Ajuqiqtuilutit munaqhinirmik pinahuaritimik



Titirauyaqtaa: Rhoda Hiqiniq
Art work by: Rhoda Hiqiniq

INTEREST IN TRAINING

(CONTINUED)



Increasing Knowledge of Environmental Conditions

- How climate change affects our weather and environment
- Which environmental conditions to observe/read out on the land and how to do it
 - Ice, land, water, and sea conditions
 - rivers and mud
 - Weather conditions, monitoring, forecasting, and (new) skills
 - Learning about sea ice including observing/interpreting ice thickness and dangerous areas
 - Locations and movements of leads and polynyas
 - Effects of high/low tides
 - Areas with strong currents
 - Seasonal changes
 - Interpreting cloud patterns and wind conditions
- Environmental conditions at specific places
- Monitoring wildlife
- Understanding historical records of ice break-up/freeze-up compared to today
- Develop more respect for the environment around us
- Increase opportunities for young women to learn about environmental conditions and to navigate and be safe on the land



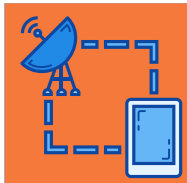
Connecting to Local Programs and Services

- Aqqiumavvik Society, Young Hunters Program
- Learn from Elders, hunters, guides, and others who are experienced on the land
- Hunting programs about the environment and which area has more animals, ice conditions etc.
- Nunavut Arctic College land programs (Environmental Technology Program)
- Canadian Rangers
- Hunters and Trappers Organizations
- Polar Knowledge Canada
- Learn about local monitoring programs and how to access their information
 - Remote weather stations
 - SmartICE
- Become a mentor for monitoring programs



Titirauyaqtaa: Rhoda Hiqiniq
Art work by: Rhoda Hiqiniq

INTEREST IN TRAINING (AULAHIMAAQTUQ)



Ayuqpallianirmik Qauyimajakhamingnik Ilitaqhinirmik Qaritaujaliqidjutikharnik

- Qanuq aturiangini uvalu naunaijarlugit ikiakkutuutait piksait
 - NASA Worldview
 - Earthdata
- Qanuq aturiangani uvalu naunaijarlugit hikkut naunaitkutit/naunaijautit
 - Kanatami Hikumi Ikajuutikhait
 - SmartICE
- Qanuq aturiangani naunaijarlugillu qaritaujakkut hilahiutit uvalu imakkut itqurniarutait
 - taigurnirmik hapkuninga degrees Celsius
 - Avatiliqijit Kanatami itqurniarutait
 - Windy.com
 - GFA (Piksait Naunaijaqtauhimajuubluqhiutikkut ihuaqhaqhimajut hilahiutit naunaitkutit)
 - METAR hilahiutit unniudjutit
- Qanuq aturiangani naunaitunik qaritaujakkuurutaani qaritaujaliqidjutiy, inungnut tuhaumapkaidjutikkut
 - Navionics
 - SIKU (qaritaujakkuugutaa Iliuraqhimayumik)
 - AIS
- Tamainnut/qaritaujat ajuirhainiq
 - Qaritaujat
 - Qaritauyakkut Pulaarvingit
 - Aturlutik Google
- Drone auladjutait
- Qanuq atugiangani alrujaqtuqtut hanaqidjutikharnik:
 - GPS
 - inReach
 - SPOT
 - Humminbird (iqalungnik paqittidjut)
 - Compass
 - Taiguarniq nunaujaik/ GPS-kut ihuaqhaijut
 - Qangatayukkut hivayaut
 - Tablet-mik
- Iliharniq ihuaqtunik ingilrutinik aturnilgit, ihuaqhihimani ihuaqharnilu
 - Mikijut ingniqutit ihuaqhaijut (sikiituit uvalu Hondas)
 - Qanuq ihuaqtumik atugiangani alrujaqtuqtunik ingilrutikharnik
- Qanuriliurutikhangit atugiangani Inuit ilihimajainik nallunaqtuniklu/qaritaujaliqidjutikharnik



Ajuipallianirmik anguniarnikkut uvalu Inuit pitquhiitigut atuqtaujut ajuittakhait imaalu atuqpaktainik

- Ajuikhalutin Inirnikharnin ajuittiagiikhimajuniklu anguniaqtinin:
 - kina ilihimajuq nuna, hila uvalu humi nakuujuq, imaq
 - ikajuqtiit inuit nunallaami
 - kina ajuiqhimajuq qun'ngiaqtunit talvanngalu nutaanik ajuitamingnik qangarnitaminlu titiqqanik nunanik qanurittaakhaanik
- Ajuiqhalutin talvuuna havakhimaaqhutik auladjutikharnik ajuiqhautikharnik
- Ajuiqhalutin uminga:
 - nunami ajuittiarutingnik
 - huradjaq, humiitilangit, idjuhiit uvalu inguutaarutit
 - anguniarnirmik naniriaqturnirmiklu
 - qanuqtut amiijainirmik huradjanik uvalu upalungaijarlugit/mipkuliurnirmik niqqainik
 - pitquhikkut miqhurniq aannuraaniklu
 - pitquhikkut aanniqtuqaqqat ikajuutit havautillu
 - iqalukhiuqtut (tamainni, uvalu aturnirmik hapkuninga kakivak
 - hiiqquqtiutit aturnirit uvalu qajangnautikkut (hiquutit uvalu qarjuutlu)
 - hanalrutiliurnirmik
 - puuqtuinirmik maalu naquhiqtuinirmik qiliqhuinirmiklu
 - ilitaqhinirmik hilamik qanurinninganik (Inuit qanuqtut naunaiqhivauhianik hilarlugjuqilirangat)
 - tukiaqatut ubluridjat qanuriniariakhanik
 - aullaarviuvaktut ingilrajangit apqutigivaktait imaalu aulariakhait nunat atiinik
 - Inuit Qaujimajatuqangit hivunikhaliurutait
 - Inuktut taidjutit
 - igluliurnirmik tangmarvikhanik imaalu ujaqqanik iglukhanik

INTEREST IN TRAINING

(CONTINUED)



Gaining Familiarity with Technology

- How to use and interpret satellite images
 - NASA Worldview
 - Earthdata
- How to use and interpret ice charts/data
 - Canadian Ice Service
 - SmartICE
- How to use and interpret online weather and marine forecasts
 - reading degrees Celsius
 - Environment Canada forecasts
 - Windy.com
 - GFA (Graphic Area Forecast time adjusted weather charts)
 - METAR weather report
- How to use specific websites, apps, and social media
 - Navionics
 - SIKU (website and app)
 - AIS
- General/basic computer training
 - Computers
 - Websites
 - Using Google
- Drone operation
- How to use electronic devices:
 - GPS
 - inReach
 - SPOT
 - Humminbird (fish finder)
 - Compass
 - Reading map/GPS coordinates
 - Satellite phone
 - Tablet
- Learning proper equipment use, maintenance and repair
 - Small engine repair (skidoos and Hondas)
 - How to properly use electronic devices
- Ways to use Inuit knowledge and science/technology



Strengthening Hunting and Inuit Cultural Practices and Skills

- Learn from Elders and experienced hunters:
 - who know the land, weather and where the good, fresh water is
 - who help people in the community
 - who learned from observing and from new technology and past records of lands conditions
- Learn through hands-on experiential training
- Learn about:
 - land skills
 - animals, where they are, their behaviour and movements
 - hunting and trapping
 - how to skin animals and prepare/dry meat
 - traditional sewing and making clothing
 - traditional first aid and medicine
 - fishing (general, and with a kakivak)
 - firearms use and safety (guns and bullets)
 - tool making
 - packing and tying ropes
 - reading weather and ice conditions (Inuit ways of predicting weather)
 - meaning of stars
 - travel routes and place names
 - Inuit Qaujimajatuqangit principles
 - Inuktut terminology
 - building igluit and stone houses

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT

Pihimablugit tamaita kiudjutait Nunavunmiunit naunaijainikkut ilaujunit, havaktavut titiraqhimajut tapkua naunaijaqhimajut aalatqiit nunallaanun-pihimajut munaqhidjutit ikajuutit tapkua ihumagijaujut atuqtaujuut ihivriunrnikkut aullaanikkut qajangnautit.

Kangiqhidjutikhanut ilaujut katitiqtauhimajut unniudjutikkut titiraqtunun naunaijaqhimajut ikajuutit. Iluaniittut uumani naunaitkunmi piittuq uumannga naunaiqhimajumik apiqhuutimit kiudjutingit.

**Nunallaani
munariniq
pinahuarut/
kivgaqtuqtuajuq**

**Qaritaujakkuurutaa
turaarvikhaq**

**Hilahiutit Itqurniarutait
Atuqtakhat/Kivgaqtuutit
Ikajuutikhat**

**(867) 857-4166
(tadja aalanguqtuq
Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanada - Halu
Hilahiutit
(Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanata)**

<https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/recorded-observations-forecasts.html>

Nunarjuami akiitukkut napait pijaangini Hilatigut uvalu Tariumi itqurniarutait hivajautikkut: Qablunaatun 1-833-794-3556 (1-833-79HELLO), Uiviititut 1-833-586-3836 (1-833-79METEO). Hivuagut Nunavunmi nunamingni hivajaqtut nampait aalanguqtut kanadami nampainut + naunaiqtauhimajut najugaanut naunaitkut, tamaita maligutikhat titiraqhimajut qaritaujakkuurutaa.

**Canadian
Aerodrome
Naalauhiqivik**

<https://gov.nu.ca/airports>

ATS Services nanminiaqqtuq tapkua tunihijut tingmihiqinikkut hilatigut uvalu tuhaqtitinikkut kivgaqtuutitik uvani Nunallaani Aerodrome Naalautikkut Najugaini (CARS) tamaini Kanatami Ukiuqtaqtumi. Nunavut Kavamanga qaritaujakkuurutaa tunihijut aallanik naunaitkutikhanik, ilaujut nunamingni hivajautit nampait hivajarlutik tamainnut milviit, tapkua tunihijut: tingmihiqinikkut qanngani hilatigut, takuplugit qun'ngiaqtait, imaalu qajangnaqtut aulapkaidjutikhat naunaitkutikhat hivulliqaamik.

RESOURCES - COMMUNITY-BASED MONITORING

Based on all the responses from Nunavummiut survey participants, we created a list that describes the variety of community-based monitoring sources that are considered useful in assessing travel safety.

The information included was compiled by report writers as an overview resource. Content in this table is not from specific survey responses.

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
(867) 857-4166 (now changed to Environment and Climate Change Canada - Hello Weather (automated telephone service))	https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/recorded-observations-forecasts.html	National toll-free numbers to access Weather and Marine forecasts by telephone: English 1-833-794-3556 (1-833-79HELLO), French 1-833-586-3836 (1-833-79METEO). Previous Nunavut community call-in numbers now changed to national number + specific location code, all codes listed on website.
Canadian Aerodrome Radio Stations (CARS)	https://gov.nu.ca/airports	ATS Services is a company that provides aviation weather and communications services at Community Aerodrome Radio Stations (CARS) across the Canadian Arctic. The Government of Nunavut web link provides more information, including local phone numbers to call each airport station, that provides: aviation surface weather, meteorological observing, and critical operational information to pilots.

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

**Nunallaani
munariniq
pinahuarut/
kivgaqtuqtiujuq**

**Qaritaujakkuurutaa
turaarvikhaq**

**Hilahiutit Itqurniarutait
Atuqtakhat/Kivgaqtuutit Ikajuutikhat**

**Milvingmi
hilahiutiqarviit
(unalu milvinggmi
naalautikkut)**

https://weather.gc.ca/forecast/canada/index_e.html?id=NU

Tunihijuaq hilahiutit itqurniarutait, ilaujut: ubluni uunaqtuq/uunaqpalaangitumik, nuvujat qanuriniit, hilalungniq, niglaqtittuq, ailarnaqhijuaq, nipalukhaq, qanikhaq, anuri, unngahiktumut takunnarnia, ikkiap nakuuningat, hilaamik naunaighitit, (humi hailikpata), tingmitirjuat pujuit, qangatayukkut, kalluk, aktilaangit uvalu akhut qanuriniit, uvalu hiqinq nuijuq/hiqiniq nipijuaq. Tingmitiqarviit hilakkut aullapkaktauvaktut NAV CANADA (takulugu Kivgaqtuinikkut Tunihijuaq naunaitkutaa m. 83). Ilangit Nunavunmi nunallaat pijaaqtut [hilatigut naalautikkut tuhaqtitijunun](#) Avatiliqijit uvalu Hilap Aalanguqtirniranun Kanatami hilatigut qajangnautit, itqungniarutit, uvalu tadjamin qanuriniit.

**Arviani
Aqqiumavvik**

<https://www.aqqiumavvik.com/young-hunters-program>

[Arviani Aqqiumavvik](#) nunallaami ikajuutait inungnun, ihumakkut, nunallaamilu aanniaqtailinirmun katimajit Arviat, Nunavunmi. Aulavaktun amigaitunik inuuhirinikkut ilihairutikharnik Arviat. Tamna Ujjiqsuiniq Inulramiit Anguniaqtiujut Pinahuarut havakhimajuq pivalliajaangat atuqtauhimaaqiaqaqtunik anguniarnikkut atuqtakharnik inulramiinun (ukiulgit 8-18). Tahamanilu pinikkut nunami ajuittamingnik tunnganiqaqtuq inunnguiniq (Inuit hivunikhaliurutainni pijaarnikkut), ukua Inulramiit Anguniaqtut tunihijut amigaitunun nunamingni munaqhinnikkut pinahuagutinun uvalu havaqatigiingniikkut ihivriurutinik havaakhanik, tunihiblutik akhuurnaqtunik naunaighitikhahapkununga: nunap qiqumaninga, qajangnaitumik nunamik aturniq, imakkut qanuriniit, iqaluuit aaniaqtailiniq, huardjat aanniaqtailinikkut uvalu anguniarnikkut, aulajut qupanuat aaniaqtailinikkut uvalu anguniarnikkut, imakkut uvalu hikukkut munaridjutit, nauhimajunik munairdjutinik, hulaqutijut hilap aalanguqtirniranun, atuqhimaginariagani upalugaijainiq, nunaujiurniq, aalanitlu. Amigaitut naunaitkutainik uqautaujut haffumuuna Aqqiumavvik Facebook makpirnia.

RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
Airport weather station (and airport radio)	https://weather.gc.ca/forecast/canada/index_e.html?id=NU	Provides weather forecast, including: daily high/low temperature, cloud conditions, pressure, dew point, humidity, precipitation, wind, visibility, air quality, weather radar (where available), jet stream, satellite, lightning, average and extreme conditions, and sunrise/sunset. And some airport weather stations are operated by NAV CANADA (see Service Provider table page 83). Some Nunavut communities have access to weather radio broadcasts of Environment and Climate Change Canada weather warnings, forecasts, and current conditions.
Aqqiumavvik Society	https://www.aqqiumavvik.com/young-hunters-program	Aqqiumavvik Society is a community alliance of public, mental, and community health groups in Arviat, Nunavut. They run many wellness programs in Arviat. The Ujjiqsuiniq Young Hunters Program was designed to develop sustainable harvesting practices in youth (ages 8-18 years old). Along with gaining land skills based on inunnguiniq (Inuit principles for becoming capable), the Young Hunters contribute to many local monitoring programs and collaborative research projects, providing important information on: permafrost, safe land use, water quality, fish health, animal health and harvesting, migratory bird health and harvesting, water and ice monitoring, plant monitoring, impacts of climate change, sustainability planning, bathymetry mapping, among others. A lot of information is shared through the Aqqiumavvik Facebook page.

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

Nunallaani munariniq pinahuarut/ kivgaqtuqtiujuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Ukiuqtaqtumi Iltuqhainikut Tungaviuyuq	https://www.arcticfo cus.org/about/vessel s-and-labs/	Ukiuqtaqtumi Qaujihainikkut Tungavia (ARF) nanminiqaqtuq, maniliungitut katimajiit tapkua pivallialiqtut nalunaqtuliqinikkut igluqpanik hapkununga Kanatami Ukiuqtaqtumi, ilaujut ihivriurutit umiat uvalu qaujihaijit. Aalatqiiit ihivriugtut piqaqtut umianik aallatqiiktut munaqhijutikhat hilamik, tarium qanuriiniinik, aktuutauvaktut hilap aalanguqtirniranun, aalaninlu Paqilimaitavut kitut hilatigut, hikup uvaluuniin tariup naunaijautait qaritaujakkut, kihimi Polar Knowledge Canada, Kanaitian Ukiuqtaqtumi Qaujihainikkut Najugaani (CHARS) piqarniarunaqhijut aallanik naunaiqhikhat, munaqhijutikhanik hamani hanianilu lqaluktuuttiami.
Arctic UAV	https://www.arcticu av.ca/ice-maps/	Ukiuqtaqtumi UAV una Apex-kapaniuyuq, (hilataani lqaluit, Nunavut), munaqhivaktut hat Inuqangittuq Hilakkut Akhaluuta (UAV) unalu Inuqangittuq Hilakkut Atuqtakhait (UAS). Atuqhugit hapkua unghiktukkut uuktuqtaujuat auladjutit titiraqhugit piksait nunarjuap qangani ilaujut qangagut naunaiktutit hatqiriangani nunaup atuqtunik nunaujalu nunaujat. Piqaqtitivakhimajut hikumik nunaujangit taima tautuminaqtunik hikungit, angmaumajut imarnik, hikumilu nutqaqhimalaktilunik.

RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
Arctic Research Foundation	https://www.arcticfoundation.org/about/vessels-and-labs/	The Arctic Research Foundation (ARF) is a private, non-profit organization that is developing scientific infrastructure for the Canadian Arctic, including research vessels and mobile laboratories. Different researchers have outfitted labs and vessels in different ways to monitor weather, ocean conditions, impacts of climate change, among others. We could not find specific weather, ice or ocean data online, but Polar Knowledge Canada, Canadian High Arctic Research Station may have more information, particularly for monitoring in and around Cambridge Bay.
Arctic UAV	https://www.arcticuav.ca/ice-maps/	Arctic UAV is an Apex-based company (just outside Iqaluit, Nunavut), that specializes in Unmanned Aerial Vehicle (UAV) and Unmanned Aerial Systems (UAS). Using these remote piloted systems they record imagery of the earth's surface including elevation data to create terrain models and topographic maps. They also provide ice maps that show areas of sea ice thinning, open water, and ice breakup.

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

Nunallaani munariniq pinahuarut/ kivgaqtuqtiujuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhata
Cryollogger	https://cryollogger.org/	Tunihijuaq nunagijaujumi hilap naunaitkutit katititqtauhiuamajut amihunik inikhanik haniani: Ikpiarjuk, Igloodik, Mittimatalik, unalu Milne Inlet. Hilap qanuriniit munagijaujut ilaujut: uunarniit, anurikkut hakugingniit uvalu atugakhat, anurikkut hakugikhiqattaqtut, wind chill, uvalu aulaniit avatqumajuni 7 ublut. Cryollogger naunaitkutit hailijut nunamingni TVs Tiiviikkut Haamlatkut Anguhiqijitkut Katimajiit havagviinni, imaalu qakugunnuaq hailiniaqtuq SIKU-mi (takulugu ataani).
Angoniaktit Nanikgiaktukpaktun ik Katimayit	n/a	Nunamingni Anguniaqtit Katimajiit (HTOs) akhuungnaqtut najugait humi inuit katimajut uqautigilugit uqautigilugillu hilatigut, imakkut, hikullu qanuriniit, ilaujut unipkaat uqaudjidjutillu pihimajut qanganuaq aullaaqtut. Anguniaqtuligijitkut HTOs itiranguqaktut hilarlungni/imakkut itqurniarutait qangatayukkut piksanik nunallaamiutanun piqangittun qaritaujanik. Ilangini nunallaani TV qungiaqhutik tapkua tautuktitijut tariup hikua uvalu hilatigut munaridjutikkut naunaijautit (imaa hapkunanga SmartICE uvalu Cryollogger).
Kangiqtugaapik Hilahiutiagarvik Milvingmi Qaritaujakkuurutat	https://clyderiverweather.org_	Tunihijut nunamingni hilatigut naunaijautit ikitunik najugahainik avatiini Kangiqtugaapingmi, ilaujut:ikkiakkut unarniit, anurip humingarniit, anurip kajumingninga, hakuugingnia anurip, anugikkut, anurip aulanianun, imaalu nunakkut uunarnianun.

RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
Cryologger	https://cryologger.org/	Provides local weather station data for several locations around: Arctic Bay, Igloolik, Pond Inlet, and Milne Inlet. Weather conditions monitored include: temperature, humidity, wind strength and direction, wind gusts, wind chill, and trends over past 7 days. Cryologger data is also available locally on TVs in Hamlet and Hunters and Trappers Association offices, and will soon be available on SIKU (see below).
Hunters and Trappers Organization	n/a	Local Hunters and Trappers Organizations (HTOs) are important places where people gather to share and discuss weather, water, and ice conditions, including stories and advice based on recent travel. HTOs also often print and post weather/marine forecasts and satellite images for community members who do not have computers. In some communities they also have TV screens that show sea ice and weather monitoring data (e.g. from SmartICE and Cryologger).
Kangiqtugaapik (Clyde River) Weather Station Data	https://clyderiverweather.org_	Provides local weather station data for several locations around Clyde River, including: sky condition, air temperature, wind direction, wind speed, maximum wind gust, relative humidity, pressure, barometer, and ground temperature.

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

**Nunallaani
munariniq
pinahuarut/
kivgaqtuqtiujuq**

**Qaritaujakkuurutaa
turaarvikhaq**

**Hilahiutit Itqurniarutait
Atuqtakhat/Kivgaqtuutit
Ikajuutikhata**

**Nunamingni Co-op
TV qun'ngiararhaq**

<https://arctic-coop.com/index.php/services/cable-tv/>

Co-op Cable hailijuq nunallaani Co-op niuvaiviinni ilaujurlu Co-op System Ukiuqtaqtumi. Nunamingni Co-op TV-kut Avatiliqijitkut unalu Hilaup Aalannguqtiirninga Kanata hilakkut itqurniarutait hailivaktut. Ilanginni nunallaani tunivaktullu amigaitqijaujunik ilitturipkaidjutikhanik tunnganiqaqhutik hilahiutit hitlahiutiqaarviit uvaluuniit hilahiutit/hikumik tautukhimanikkut munarinikkut pinahuarutinik hailijut najurhimajuni nunallaami.

**Taqyumiutaliqiyit
Havaqatiriit
Kanatami**

<https://www.oceannetworks.ca/observatories/>

Tariup Qaritaujaliqiyiit Kanatami (ONC) tariuq qunngiaqtaujuq igluqpak katimapkaijuq uvalu nanminiaqtauq hapkunanga Iliharvikyuanga Victoria uvalu munaqtaubluni hapkunanga maniliungitut ONC Katimajiit. ONC tunivaktuq tariukkut ilitturipkaidjutinik alrujanin, nakhaqtaqtamin nunallaanilu-tunnganiqaqtunik qunngiarnikkut qaritaujaliqidjutinin. Aallatqiiktut Ukiuqtaqtumi Tariurmi naunaitkutait hailijut imaatut: Iqaluktuuttiaq, Coronation Gulf, Darnley Bay, Davis Strait, Dease Strait, Franklin Strait, Gascoyne Inlet, Peel Sound, Queen Maud Gulf, unalu Victoria Strait. Tamna [Oceans 3.0 Data Portal](#) tunihivaktut pivikhanik hailijunik katitiqtauhimajunik.

**Tariurmi
Tununganirmi
Hikuilrup Hinaa
Piksaliut**

<https://www.oceansnorth.org/en/monitoring-sea-ice-in-Tasiujaq/>

Inmikkut piksaliutit piksaliuqpaktut munarijaami haniani tariup hikua tahamuuna hikuilrup hinaa hanianilu Tasiujaq, haniani Mittimatalik, Nunavut. Kihimi, talvanga unniudjutini titiraqhimajut, una FloeCam unalu EclipseCam aulangitut.

RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
Local Co-op TV channel	https://arctic-coop.com/index.php/services/cable-tv/	Co-op Cable is available at community Co-op stores and is part of the Co-op System in the Arctic. On the local Co-op TV channel Environment and Climate Change Canada weather forecasts are often available. In some communities they also provide more local information based on weather stations or weather/ice observation monitoring programs available in the community.
Ocean Networks Canada	https://www.oceannetworks.ca/observatories/	Ocean Networks Canada (ONC) is an ocean observing facility hosted and owned by the University of Victoria and managed by the not-for-profit ONC Society. ONC provides ocean data from its cabled, mobile and community-based observing networks. Different kinds of Arctic Ocean data are available for: Cambridge Bay, Coronation Gulf, Darnley Bay, Davis Strait, Dease Strait, Franklin Strait, Gascoyne Inlet, Peel Sound, Queen Maud Gulf, and Victoria Strait. The Oceans 3.0 Data Portal provides access to available data.
Oceans North Floe Edge Camera	https://www.oceansnorth.org/en/monitoring-sea-ice-in-Tasiujaq/	Time lapse cameras take regular images to monitor near real-time sea ice conditions along the floe edge and around Tasiujaq, near Pond Inlet, Nunavut. However, as of the time of report publication, the FloeCam and EclipseCam were not operational.

ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

Nunallaani munariniq pinahuarut/ kivgaqtuqtiujuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
SIKU	https://siku.org/	SIKU Nunagaqqaarhimajut Ilihimajuq Inungnut Havaqatigiikniq. Uuktuutikhaq qaritaujakkuurutillu pipkaivaktun inmiknik-ihumaliurutinik qaujiharnirnik, iliharnikkut, munarinikkullu Nunagaqqaarhimajut nunallaat. Akiitumik SIKU accountmik, pijaaqtatit SIKU nunaujat tautuknaqtut tapkua ilaujut: aalatqiit tunngaviit uvalu qangatayukkut piksait, nunaujallu piinarialgit iliugagiangani atungnirmun. Pijaqturlu nunamingni hilatigut naunaiqhitikhat piinagialgit, imaalu titiraqhimajut nunallaanin ilaujut mikhaagun tingminikkut qanuginiit, huradjat, tingmiat, pauwaqarviit, hikut, tariuq, uvalu aalat avatikkut tautuktaujut, uvalu kitut qanuritit naunaijautit katitiqhimajut aalakiinun ihivriurutikkut havaktakhat. SIKU tunihijurlu pijaarnirmik tamainun SmartICE naunaijautit (takulugu makpirnia 76).



RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
SIKU	https://siku.org/	SIKU is the Indigenous Knowledge Social Network. It is an application and website that facilitates self-determination in research, education, and stewardship for Indigenous communities. With a free SIKU account, you can access SIKU map features that include: different kinds of basemaps and satellite imagery, and maps are also available to download for use offline. There is also local weather information available, as well as posts made by community members regarding travel conditions, wildlife, bird, plant, ice, ocean, and other environmental observations, and specific kinds of data collection for different research projects. SIKU also provides access to all SmartICE data (see page 76).



ATUQTAKHAT - NUNALLAANI-ITTUT MUNAHIDJUTIKHAT (AULAHIMAAQTUQ)

**Nunallaani
munariniq
pinahuarut/
kivgaqtuqtiujuq**

**Qaritaujakkuurutaa
turaarvikhaq**

**Hilahiutit Itqurniarutait
Atuqtakhat/Kivgaqtuutit Ikajuutikhata**

SmartICE

[SmartICE](#)

SmartICE nunallaanun-pihimajuq Havaanun Ilaliutihimajut Inungnun Havakviit (WISE) tapkua havaktauhimajut hilap aalanguqtirniranun hungiutinirmun ikajuutit uvalu kivgaqtuutit tapkua ilaujut Inuit ilihimajait tariup hikua munariblugit ajungnaqtut. SmartICE munairivagait aituhiimaanginaqtun naunaitunik ihumaliurutikharnik talvuuna tarium hikungit tingmijukharnik ikajuutikharniklu nunallaani maniliurutikharnik pivalliadjutikharnik. SmartICE aulapkaajit tamainni Kanadami Ukiuqtaqtumi munarivaktait nunallaami tariup hikua ivjurhimajuq uuminnga SmartQAMUTIK unalu SmartBUOY qaritaujaliquidjutin, piliuqpaktullu hikukkut qajangnainnikkut nunaujanik tunnganiqaqhuni nunallaani uqaqtiinni qangatayukkut piksamik. SmartBUOYs mihingnautit ilijauhimajut hikup qiqitivaktut, atuqtaujut naunaijariagani hikup hikulu ikjuut, uunarniganiklu hilaamut, hikumik, immarmiklu. Tamna SmartQAMUTIK tipaittuq tunuani sikiituut aullaqtitlugit tariup hikuani, imaalu hikuqaqpiakhunillu hikumik imaalu apunmik ivjurnarninganik, imaalu salinity (saltiness) tariuq imarmik. Tamaita SmartBUOY unalu SmartQAMUTIK naunaijautit piinarialeqihimajut SIKU (takulugu makpirnia 75).

**Iliharvikyuanga
Calgary -
nunallaami
hilakkut**

https://people.ucalgary.ca/~belse/Brent_Else/WX.html

Brent Else Ayugituq talvani Iliharvikyuanga Calgary ihuaghaihimajut qaffiujunik nunamingni hilarlungviknik iqaluktuutiami munaqhiplutik: anurip unnaunia, anurip kajumikpiaktumik, annuqqimik, ilaruhiit, imaalu akhuuqhutik.

RESOURCES - COMMUNITY-BASED MONITORING

(CONTINUED)

Community Monitoring Program/Service Provider	Website Link	Environmental forecast products/services
SmartICE	SmartICE	SmartICE is a community-based Work Integrated Social Enterprise (WISE) that has developed climate change adaptation tools and services that integrate Inuit knowledge of sea ice with monitoring technology. SmartICE monitoring contributes to more informed decisions about sea ice travel and supports community economic development. SmartICE operators across the Canadian Arctic monitor local sea ice thickness with SmartQAMUTIK and SmartBUOY technologies, and also create sea ice safety maps based on local interpretations of satellite imagery. SmartBUOYs are sensors installed as the ice freezes, used to measure ice and snow thickness, as well as the temperature of the air, snow, ice, and water. The SmartQAMUTIK is towed behind a snowmobile during travel on sea ice, and provides real-time ice and snow thickness measurements, as well as the salinity (saltiness) of the sea water. All SmartBUOY and SmartQAMUTIK data is made available on SIKU (see page 75).
University of Calgary - community weather stations	https://people.ucalgary.ca/~belse/BrentElse/WX.html	Brent Else is a Professor at the University of Calgary who has set up several local weather stations around Cambridge Bay to monitor: air temperature, wind speed, wind direction, relative humidity, and pressure.

ATUGAKHATS - HILAHUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT

Pihimablugit tamaita kiudjutit Nunavunmiunit naunaijainikkut ilaujunit, havaktavut titiraqhimajut tapkua naunaijaqhimajut aalatqii avatiliqinikkut itqurniarutait.

Kivgaqtuirnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Accuweather iliuraqhimayumik unalu qaritaujakkurutani	https://www.accuweather.com/	Atuqtakhat hapkununga nakhaqataanut atugakhat uvalu qaritaujakkuurutaa tunihijut pivikhanik haffuminga: hila mik naunaiqhitiit (humi hailikpata), uunarniitigut, ikkiap nakuuningat naunaiqhiti, Qanuriniarmangat hila qaujihaqtauniq, max UV index, anuri, anurip hakugingniit, nipalukhaq, niglaqtittuq, hilarlukhaq, nuvujat atparniat, kalluk uvalu ihiriah.
Aurora itqurniarutait	https://auroraforecast.com/	Tunihijuq naunaiqhitiikhat nunap qanurininganik, ilaujullu nalautaarutait qanuriliurutainik akhaliat (ukiuqtaqtumi akhaliat).
CBC (News, Igalaq)	https://www.cbc.ca/weather/s0000549.html	Tunihijut Avatiliqijiit unalu Hilaup Aalanguqtirninganut Kanatami hilahiutit itqurniarutit qaritaujakkut, Tiivikkut, naalautikkutlu, ilaujut: ubluni uunaqpalaangitumik, UV naunaitkutaa, anuri, ailarnaqhijuq, nipalukhaq, hilarlukhaq, ,takunnarnia, hiqiniq nuijuq/hiqiniq nipijuq, qangatayukkut, uvalu naunaiqhitiit (humi hailijut).

RESOURCES - ENVIRONMENTAL FORECAST PRODUCTS/SERVICES

Based on all the responses from Nunavummiut survey participants, we created a list that describes the variety of environmental forecast products/services that are considered useful in assessing travel safety.

Service Provider	Website Link	Environmental forecast products/services
Accuweather app and website	https://www.accuweather.com/	Application for mobile devices and website provides access to: weather radar (where available), temperature, air quality index, precipitation probability, max UV index, wind, wind gusts, humidity, dew point, pressure, cloud cover, visibility, cloud ceiling, lightning, and smoke.
Aurora forecast	https://auroraforecast.com/	Provides information on geomagnetic field activity level, including predicted activity of aurora borealis (northern lights).
CBC (News, Iglaaq)	https://www.cbc.ca/weather/s0000549.html	Provides Environment and Climate Change Canada weather forecasts online, on TV, and over radio, including: daily high/low temperature, UV index, wind, humidity, precipitation, pressure, visibility, sunrise/sunset, satellite, and radar (where available).

ATUGAKHATS - HILAHUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuirnikkut Tunihijuq

Qaritaujakkuuruta a turaarvikhaq

Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat

**Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanata - Hilahiutit
Itqurnirutit**

https://weather.gc.ca/forecast/canada/index_e.html?id=NU

Tunihijuq hilahiutit itqurniarutait, ilaujut: ubluni uunaqtuq/ uunaqpalaangitumik, nuvujat qanuriniit, hilalungniq, niglaqtittuq, ailarnaqhijuq, nipalukhaq, qanikhaq, anuri, unngahiktumut takunnarnia, ikkiap nakuuningat, hilaamik naunaiqhitiit, (humi hailikpata), tingmitirjuat pujuit, qangatayukkut, kalluk, aktilaangit uvalu akhut qanuriniit, uvalu hiquq nuijuq/hiqiniq nipijuq.

**Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanada - Halu Hilahiutit
(aulajuq hivajautikkut
ikajuutit)**

<https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/recorded-observations-forecasts.html>

Nunarjuami akiitukkut napait pijaangini Hilatigut uvalu Tariumi itqurniarutait hivajautikkut: Qablunaatun 1-833-794-3556 (1-833-79HELLO), Uviititut 1-833-586-3836 (1-833-79METEO). Hivuagut Nunavunmi nunamingni hivajaqtut nampait aallanguqtut kanadami nampainut + naunaiqtauhimajut najugaanut naunaitkut, tamaita maligutikhat titiraqhimajut qaritaujakkuuruta.

**Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanata - Hilakkut
qaujihainikkut
kivgaqtuutit
(AKILIQTUQTAQ
qaujihaidjutit
hivajautikkut
katimadjutit
hapkununga Avatiliqijit
Kanatami hilahiutit
ajuittiaqhimajut)**

<https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/live-consultation.html>

Hilahutit Atauhimit-Atauhirmut 1-900-565-5555 Hilakkut qaujihaidjutikhat hailijut 5am - 9pm havainiarmi, 6am - 6pm havangnaittitlugu imaalu halitirnaqtitlugu (\$2.99 atauhirmi minute akiliqhipkaqtaujut hivajautikkut akiliqtakhanut), aallaniklu qaujihaidjutit titiraqhimajut qaritaujakkurtaa

**Avatiliqijitkut unalu
Hilaup
Aalannguqtirninga
Kanada - Tariumi
itqurniarutait**

https://weather.gc.ca/marine/index_e.html

Tunihijut tariumi itqurniarutit, ilaujut: tariumi qajarijaujukhat, qungiaqtaujut, uqaudjijut, tropical cyclone uqaqhimajait, anuri, malik hiakkut, takunnarnia, ikkiap unnarnia, hikup qanuriniit, uvalu ajungnaqtutitugut taiurmi naunaitkutait.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Environment and Climate Change Canada - Weather Forecast	https://weather.gc.ca/forecast/canada/index_e.html?id=NU	Provides weather forecast, including: daily high/low temperature, cloud conditions, pressure, dew point, humidity, precipitation, wind, visibility, air quality, weather radar (where available), jet stream, satellite, lightning, average and extreme conditions, and sunrise/sunset.
Environment and Climate Change Canada - Hello Weather (automated telephone service)	https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/recorded-observations-forecasts.html	National toll-free numbers to access Weather and Marine forecasts by telephone: English 1-833-794-3556 (1-833-79HELLO), French 1-833-586-3836 (1-833-79METEO). Previous Nunavut community call-in numbers now changed to national number + specific location code, all codes listed on website.
Environment and Climate Change Canada - Live weather consultation services (PAID service for telephone consultation with Environment Canada weather professional)	https://www.canada.ca/en/environment-climate-change/services/weather-general-tools-resources/telephone-services/live-consultation.html	Weather One-on-One 1-900-565-5555 Weather consultation service available 5am - 9pm weekdays, 6am - 6pm weekends and holidays (\$2.99 per minute charged to phone bill), additional consultation services listed on website.
Environment and Climate Change Canada -Marine Forecast	https://weather.gc.ca/marine/index_e.html	Provides marine forecast, including: marine warnings, watches, advisories, tropical cyclone statements, winds, waves, weather, visibility, air temperature, ice conditions, and technical marine synopsis.

ATUGAKHATS - HILAHITUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuirnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Avatiliqijitkut unalu Hilaup Aalannguqtirninga Kanatami - Kanatami Hikukkut Ikajuutikhat	https://www.canada.ca/en/environment-climate-change/services/ice-forecasts-observations/latest-conditions.html	Tunihijuq hikukkut naunaiqhithikhat, ilaujut: hikup uvalu piqalujait naunaitkutait, hikup kiklia, hikup iluani, qanurinianik hikup pivallianianut, ubluq tamaat uvalu avikturniini hikukkut naunaitkutit, ingilraat naunaijautit hikuqarnianik, ingilraat atautimut katitiqhimajut naunaijautit hikuqarnianik, havainirmi naunaijautit hikuqarnianik ilangani ukiup, uvalu piksat naunaijautit.
Iqalukhiutit Tariukkut Kanatami - Tinilvikhanik Ulitvikhanik Naunaitkutit	https://www.tides.gc.ca/en/tides-currents-and-water-levels	Tunihijuq ulilviit/tinilviit naunaiqhithikhat, ilaujut: 7-ubluni ikaarnirmi, i ulitpangniit, itqurniaqhugit hakuittut hakugiktut harvaqarniit, imarlu aktilaangit.
Hikuilrup Hinaa Munaqhidjutikhanut Kivgaqtuutit	https://c-core.ca/floe-edge-monitoring-service/	Tunihijuq qanituani ikaarniagu qangatayukkut piksanik uvalu naunaiqhithikhat ukiuqtaqtumi nunallaanun ikajuutikhat qajangnaitumik aullavikhanik hikumi uvalu ahia hikup. Piksat naunaitkutiqaqtut nutaanik naunaiqhithikhat hikuilrup hinaa najugaini, najugait nunangit hikup qaanga, ingutaarutaa nunap hikua, ulinnianit quppait, hikuilrut, uvalu naunaijaqhugit hikumi hikuilrut. Una ikajuutikhaq tunihivaktuq pidjutikhanik Kanaitian Hikukkut Ikajuutikharnik hikut naunaitkutainik. Piqaqtukhat akiqangitumik atiqarvikhamingnik angmaqhijaingnik pivikhanik hikukkut atuqtakhanik.
Geniusmap (ikkiakkuugakhaitu mik GPS naukkurvikhat atugakhat)	https://www.mireo.com/genius-maps	Atuqtakhat hapkununga nakhaqataanut atugakhat, tunihijut: ikkiakkuugakhaitumik GP naukkurvikhat atugakhat, akiitut ikkiakkuugakhaitumik nunaujat, naukkurvikhat ikkiakkut ingilrajunik uvalu apqutit qanuriniit.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Environment and Climate Change Canada - Canadian Ice Service	https://www.canada.ca/en/environment-climate-change/services/ice-forecasts-observations/latest-conditions.html	Provides ice information, including: ice and iceberg bulletins, ice edge, ice concentration, stage of ice development, daily and regional ice charts, historical data ice coverage, historical total accumulated ice coverage, weekly ice coverage for the season, and image analysis.
Fisheries and Oceans Canada - Tide Tables	https://www.tides.gc.ca/en/tides-currents-and-water-levels	Provides tidal information, including: 7-day and hourly tides, predicted times of weak and strong currents, and water levels.
Floe Edge Monitoring Service	https://c-core.ca/floe-edge-monitoring-service/	Provides near-real time satellite imagery and information to arctic communities to support safe navigation on and off the ice. Images are marked with up-to-date information on floe edge location, areas of landfast sea ice cover, movement of landfast ice, tidal cracks, polynyas, and tracking of moving ice floes. This service also provides access to Canadian Ice Service ice charts. Requires a free account to login to access ice products.
Genius map (offline GPS navigation app)	https://www.mireo.com/genius-maps	Application for mobile devices, provides: offline GPS navigation application, free offline maps, navigation for urban traffic and road conditions.

ATUGAKHATS - HILAHITIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuurnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Global News hila	https://globalnews.ca/	Qaritaujakkuurutaani pittaagtatin nunalipaujarmi pijumajarnik (ilihimalugit tamaita Nunavunmi nunallaat tautuktitaata ataani Nunatsiaq), hilahiutitlu nunallaani TV tuhaqtakhat, ilaujullu: ubluq uunaqtut/uunaqpallaangittumik uunnarniit hilahiutit, kinittuq, ailarnaqhijuq, nipalukhaq, hiqiniq nuijuq, hiqiniq nipijuq, takunnarnia,UV, anuri, unalu naunaiqhilit (hailihimakpat).
Google - Hila	www.google.com	Hilahiutit tamna takunnaqtut uvani Google qiniqhianirmun, ilaujut: uunarniitigut, hilap aulanianun, anugikkutri, uvalu nuvujat qanurinia.
Google - Earth	https://earth.google.com/	Tunihijuq qangatayukkut piksamik takujauniganik humiliqaa nunarjuami. Pijaaqtutit zoom najugahaanik ihumalutit takujaangani najugait, uvalu qungiarlutit ilaliutihimajunik qaliriinik takujaangani inungualiurhimajumik nuvujat (kinguliit 24 ikaarnirnik), 3D takunnaqtut (humi piqaqqat), uvalu nutaanguqtiqhimajuq piksa.
Google - Maps	https://www.google.com/maps/	Tikuaqtaagtutit aalatqiinit qaliriinit takujaagani: nunaujat, nunangit qangatayukkut piksamik, nirjutit, apqutinik takujangani, ikkiap qanuriniit takuupkaijutinik tikuaqhiliraguvit inikhanik ihumagijamik.
Nunavut Kavamanga	https://gov.nu.ca/	Nunavut Kavamanga qaritaujakkuurutaa piqaqtuq kitumik sainirvikhamik pigiami naunaitkutinik hila mut tuhaqtitidjutikhat aadlallu anginiqaqtut naunaitkutaq.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES

(CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Global News weather	https://globalnews.ca/	On website you can select your city of choice (note that all Nunavut communities show under Northwest Territories), as well as basic weather on local TV news, including: daily high/low temperature, humidity, pressure, precipitation, sunrise/sunset, visibility, UV, wind, and radar (where available).
Google - Weather	www.google.com	Generic weather that shows in a basic Google search, including: temperature, precipitation, wind, and cloud conditions.
Google - Earth	https://earth.google.com/	Provides a satellite image view of anywhere on earth. You can zoom in to a location of interest to see places, and view additional layers to see animated clouds (last 24 hours), 3D coverage (where available), and updated imagery.
Google - Maps	https://www.google.com/maps/	You can select from a variety of layers to view: map, terrain, satellite image, wildlife, street view, air quality, and some basic weather conditions show when selecting places of interest.
Government of Nunavut	https://gov.nu.ca/	On the Government of Nunavut website there is an option to sign up to receive notifications about weather closures and other important information.

ATUGAKHATS - HILAHITUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuurnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
inReach - Hilahiutit itqurniarutait	https://www.roadpost.ca/inreach-weather-forecasts	Niuviruvit inReach qangatayukkut tuhapkaidjutikhanik, iliurainnariaqaqtat Atulluaqtauvaktuq kivgaqtuidjutikhanik inReach pivikhanik hilarlungnirmi tadjaa aullaqtitlutit, ilaujut: uunnarninganik, hilarlungniq, anurip kajumikpiaktumik imaalu qanuriliurutikhanik, imaalu hilarlukhaq (imaatut 2 ublungni, 2-6 ikaarniinni). Akiliqtaujuurlu Qullangnaijautit kivgaqtuutikkut pijakhat tapkua ilaliutijaaqtut haffumunga Inreach pijaangani hilatigut itqungniagutit tadjamin najugahaanun tingmitilugit, ilaujut: uunarnia, anurip kajumiknia uvalu anurikkut, hilarlukhaq (7 ublut, uvani 1-2 ikaarniq hivulirmi ubluni, 3-6 ikaarniinni aipaani ubluani, 12-ikaarninik atuqtukhanut 5 ubluni).
inReach - Tariumi itqurniarutait	https://www.roadpost.ca/inreach-weather-forecasts	Niuviravit inReach qangatayukkut tuhapkaidjutikhanik, iliurainnariaqaqtat Atulluaqtauvaktuq Tariumi kivgaqtuidjutikhat talvunga inReach atuqtakhat pivikhanik Tamainut(hila) tadjaa najugakhanut aullaqtitlutit imaalu: kingiktilaanganik, tadjaa, imaalu takunnarnia naunaittiaqhimajut. Akiliqtaujuurlu Qullangnaijautit Tariumi kivgaqtuutit tapkua ilaliutijaaqtut haffumunga inReach hanaqidjutinun pijaangnirmun Qullangnaijautinun (hila) tadjaa najugaanut aullaqtitlutit imaalu: kingiktilaanga, harvaqarniit, uvalu takkunnarnia naunaijautit.
inReach - Earthmate iliuraqhimayumik	https://www.garmin.com/en-CA/p/577212	Application for mobile devices that is included with purchase of any inReach satellite communicator. It provides access to all the same features of inReach GPS navigation, and weather/marine forecasts (if purchased) to pair with mobile device and access offline.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
inReach - Weather forecasts	https://www.roadpost.ca/inreach-weather-forecasts	When you have purchased an inReach satellite communication device, you can choose to add the Basic service to an inReach device for access to weather for current location during travel, including: temperature, precipitation, wind speed and direction, and atmospheric pressure (for 2 days, in 2-6 hour intervals). There is also a paid Premium service option that can be added to an inReach device for access to more weather forecasts for current location during travel, including: temperature, precipitation, wind speed and direction, atmospheric pressure (for 7 days, in 1-2 hour intervals for first day, 3-6 hour intervals next day, 12-hour intervals for remaining 5 days).
inReach - Marine forecasts	https://www.roadpost.ca/inreach-weather-forecasts	When you have purchased an inReach satellite communication device, you can choose to add the Basic Marine service to an inReach device for access to Basic (weather) for current location during travel as well as: wave height, current, and visibility details. There is also a paid Premium Marine service that can be added to an inReach device for access to Premium (weather) for current location during travel as well as: wave height, current, and visibility details.
inReach - Earthmate app	https://www.garmin.com/en-CA/p/577212	Application for mobile devices that is included with purchase of any inReach satellite communicator. It provides access to all the same features of inReach GPS navigation, and weather/marine forecasts (if purchased) to pair with mobile device and access offline.

ATUGAKHATS - HILAHUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuurnikkut Tunihijuq	Qaritaujakkuuruta a turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
MODIS (NASA)	https://modis.gsfc.nasa.gov/data/data_prod/	MODIS una "Huvallangittuq Pigiaqtitauhimajuq Piksaluqti Spectrometer" tunihijuq nakuujunik qangatayukkut piksanik tautuktittivaktun nuna/imarmik qanganiittunik, nuvujat qanuriliurutinik, ukunanilu quvianaqtunik qanuriliurutinik. Tamaita naunaitkutit hailijut qaritaujakkuuruta titiraqhimajut, kihiani takulaaqtut paqitlugitlu piksat pijumajatik talvuuna NASA EOSDIS – Nunarjuami tautuktainik (takulugu ataani).
Tinitparvia ulitparvia ikaarniit iliuraqhimayumik	https://www.jrustonapps.com/apps/my-tide-times	Atuqtakhat hapkununga nakhaqataanut hanaqidjutinun tapkua tunihijut naunaiqhitikhat hapkununga: tinitpagviit ulitparviitlu naunaitkutait, harvaqarniit (hailijut), hiqiniq/hiqiniq, uvalu tatqiaqikhijuq/tatqiiqtuq.
NASA - EOSDIS Worldview	https://worldview.earthdata.nasa.gov	Tunihijuq aturiagani imaa: tamaat-qaujimaniq, ubluturaagat qangatayukkut piksanit qaffinit aalatqiinit qangattaqhimayut.
NASA - ESDS Global Piksanik Qiniqhiarnikkut Atuqtakhanik	https://www.earthdata.nasa.gov/eosdis/science-system-description/eosdis-components/gibs	Tunihijuq aturiagani imaa: tamaat-qaujimaniq, ubluturaagat qilainaguuqtunik piksamik (aadjikkutavjat Nunarjuarmi takuujaunuk, ilagiarutinik pivikhanik atuqtakhanik aqiuqturvikhanik).
NAV Kanatami Tingmihiqinikkut Hilahiutit	https://plan.navcanada.ca/account/login/	NAV KANATAMI Havaqatigiiktut Tingmidjutikkut Upalungaijautit nutaaq najugaa atuqtauluni talvanga NAV Kanatami Tingmihiqinikkut Hilakkut qaritaujakkuurutaq aulalimaiqtut uvani lidjiruvia 28, 2024. CFPS-kut pijariaqaqtut atiliurvikharnik angmaqhitikharnik, kihiani takuukhaujuq pipkaijaagani hilahiutit naunaitkutainik, aturiagani tingmitiqarviit hilamik piksaluutit, hiqiniq nuijuq/hiqiniq nipijuq, aalatqiiniklu tingmitit aulavikhanik ihuaqtunik.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
MODIS (NASA)	https://modis.gsfc.nasa.gov/data/dataproduct/	MODIS is the "Moderate Resolution Imaging Spectrometer" and provides optical satellite images that show land/water surface, cloud conditions, and atmospheric measurements. All data available at the website listed, but it is likely easiest to browse and find images of interest through NASA EOSDIS - Worldview (see below).
My Tide Times app	https://www.jrustonapps.com/apps/my-tide-times	Application for mobile devices that provides information on: tide tables, currents (where available), sunrise/sunset, and moonrise/moonset.
NASA - EOSDIS Worldview	https://worldview.earthdata.nasa.gov	Provides access to: full-resolution, daily satellite imagery from a number of different satellites.
NASA - ESDS Global Imagery Browse Service	https://www.earthdata.nasa.gov/eosdis/science-system-description/eosdis-components/gibs	Provides access to: full-resolution, daily satellite imagery (similar to Worldview, with additional access to product catalogues).
NAV CANADA's Aviation Weather	https://plan.navcanada.ca/account/login/	NAV CANADA's Collaborative Flight Planning Services (CFPS) is the new site to use since the NAV CANADA Aviation Weather website (AWWS) will no longer function as of February 28, 2024. The CFPS requires an account to log in, but it appears to provide weather information, access to airport weather cameras, sunrise/sunset, and a range of flight operations resources.

ATUGAKHATS - HILAHITUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuirnikkut Tunihijut	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Navionics Qajaqturnikkut iliuraqhimayumik	https://www.navionics.com/usa/apps/navionics-boating	Atuqtakhat hapkununga nakhaqataanut atugakhat tapkua tunihijut: nautical, sonar, uvalu United States kavamatkut naunaitkutait tapkua atuqtaujaqtut, imaalu qaritaujanik qangatayukkut piksanik, uarlugit (ataani imap qangani), uvalu irnitigut piksait. Tunivakturlu pijaarnikkut hilahiutit, anurimut, tinilvikhanik ulitvikhanik unalu harvaqarniit naunaitkutit, hivulliurutikhanik imakkut aullavikhanik, hanalrutiniklu naunaijariami aullaarutingnik.
Norwegian Meteorological Institute - YR - iliuraqhimayumik unalu qaritaujakkuurutaa	https://www.yr.no/en	Atuqtakhat hapkununga nakhaqataanut atugakhat uvalu qaritaujakkuurutaa tunihijut ikaanirnik itqungniarutinik, uvalu ilaujut: anginiqhait/mikiniqhaq uunarnia, hilap kajumiknia uvalu atugahaq, UV itqungniarutit, Aqhaliat itqurniarutit, hiqiniq nuijuq/hiqiniq nipijuq, tatqiaqikhijut/tatqiaqtuq, nunaujamilu tautunnaqtut hilaamik, anuri, uvalu kalluk.
Polar View	https://www.polarview.aq/arctic	Tunihijut aturiagani: qangatayukkut piksamik (Sentinel-1, Radarsat-2, atauttimut piksanik mosaics), tariup hikuanik naunaitkutit, taruplu hikuanik naunaitkutit.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES

(CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Navionics Boating app	https://www.navionics.com/usa/apps/navionics-boating	Application for mobile devices that provides: nautical, sonar, and United States government charts that can be used offline, as well as overlays of satellite imagery, bathymetry (underwater surface), and sonar imagery. It also provides access to weather, wind, tide and current information, guidance for marine routes, and tools to track your travel.
Norwegian Meteorological Institute - YR - app and website	https://www.yr.no/en	Application for mobile devices and website provides an hourly forecast, and includes: maximum/minimum temperature, precipitation, wind speed and direction, UV forecast, Aurora forecast, sunrise/sunset, moonrise/moonset, and map visuals for weather, wind, and lightning.
Polar View	https://www.polarview.aq/arctic	Provides access to: satellite imagery (Sentinel-1, Radarsat-2, and combined image mosaics), sea ice concentration data, and sea ice charts.

ATUGAKHATS - HILAHITUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuurnikkut Tunihijut	Qaritaupjakkuruta turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Radarsat	https://www.asc-csa.gc.ca/eng/satellites/everyday-lives/space-serving-the-arctic-and-the-great-canadian-north.asp	RADARSAT qangattaqhimayut piqaqtut Synthetic Aperture Radar (SAR) mihingnautit unalu Inmigit Naunaijaiqhinit Auladjutit (AIS) atuqtaujuut naunaiqhikhanik humiitakhainik umianik. SAR hulaqutigingitaat taarnirmit uvaluuniit nuvuujanit, taimaali aulapkaivangmat inmikkut auladjutikhanut auladjutit uvalu naunaitkutit aktilanganik auladjutit pidjutiqaqtut nunarjuamin qaangani. SAR mihingnautit ikajuutauluaqtut ukiuqtaqtumi munarijaangini taagtuitlugu uvalu nuvujautilugu. RADARSAT uvalu ilaujut qangattaqhimayut atuqtaujuut tariumi qun'ngiaqtaujuut, hikumik munaqhidjutikhat (hikup qaanga uvalu ingutaarnianiklu), qanurilijuqaqqat munaqhidjutikhat, uumajunik munaqhidjutikhat, atugakhanik munaqhidjutikhat uvalu nunaujaliurnirmik, uvalu munaqhidjutikhat aktuutaujunik hilaup aallanguqtirninganit (imaa qiqauaninga mahaktirnia). RADARSAT piksat hailijut talvuuna Kanatap Kavamatugangit Nunarjuap Qun'ngiarniq Katitqhimajut Munaqhiniq Atuqtakhait atuqtaujuullu Kanatap Hikunga =Kivgaqtuutit piliuriami hikumik naunaitkutingit aallallu hunavaluit.
PredictWind iliuraqhimayumik	https://www.predictwind.com	Atuqtakhat nakhaqataanut qaritaupjalliqiivilu tunihijut pijaangnirmun itqungniarutit ilaujut: anuri, anukkaqallaktuq, CAPE (convective available potential energy - naunaitkut tapkua ihuaqtut itqurniarutit hilakkut), malik, nipaliqtuq, nuvuja, hilarlukhaq, ikkiap uunarnia, tariup uunarnia, ulitirnia/tinitirnia, harvaqarniit, hiqinikkut/hilami. Akiittut hilahiutit qaritaupjakkut pijariaqaqtut atiliurvikharnik angmaqhiktharnik, akiliqtaujuukhaniklu hilahiutit itqurniarutit titiraqhimajunik pipkaijaqaqt naunaitiariagani.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Radarsat	https://www.asc-csa.gc.ca/eng/satellites/everyday-lives/space-serving-the-arctic-and-the-great-canadian-north.asp	RADARSAT satellites have Synthetic Aperture Radar (SAR) sensors as well as Automatic Identification Systems (AIS) used for tracking ships. SAR is not affected by darkness or clouds, because it sends out its own energy waves and then records the amount of energy reflecting back from the earth's surface. SAR sensors are especially useful in the arctic for monitoring in darkness and cloud cover. RADARSAT and associated satellites are used for marine surveillance, ice monitoring (ice cover and movement), disaster management, ecosystem monitoring, resource management and mapping, and monitoring impacts of climate change (e.g. permafrost thaw). RADARSAT imagery is available through the Government of Canada's Earth Observation Data Management System and is also used by the Canadian Ice Service to create their ice charts and other products.
PredictWind app	https://www.predictwind.com	Application for mobile devices and website provides access to forecasts including: wind, gust, CAPE (convective available potential energy – an indicator that is valuable in predicting severe weather), wave, rain, cloud, pressure, air temperature, sea temperature, tides, currents, sun/moon. Free forecasts online require an account to log in, and paid forecast subscriptions provide more detail.

ATUGAKHATS - HILAHUTIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuurnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Sentinel	https://sentinels.copernicus.eu/web/sentinel/missions	Tamna Sentinel tikinnahuarutingit ilaupkaijuq qaffinik qangattaqhimayut piksataq nunarjuqptingnit piksangadjutigiplugit atajumik European Space Agency unalu European Commission havauhiuyuq "Copernicus". Aallatqiiktut qangattaqhimayut aadjiliuqpaktut hunanik imaatut: radar piksaq nunamik tariurmilla; piksaluqhimajut nauhimajut, nunat hinaanilu nunat; tariumi qun'ngiaqtait tariup qanngit, tariuq nunalu qanngani uunarningani, tariuq nunaplu qangit tariup nunap kalangit; atmospheric, ikkiap qanuriniit, unalu UV hivuranaqtunik munaridjutait naunaijaqhimajut; tukiqaqtuq tariup aktilaanga, tariurlu munariblugit. Tamaita naunaitkutit hailijut qaritaujakkuurutaa titiraqhimajut, kihiani takulaaqtut paqitlugitlu piksaq pijumajatik talvuuna NASA EOSDIS – Nunarjuami tautuktainik (takulugu makpirnia 82).
SpotWX	https://spotwx.com/	Tunihijuq aturiagani qaffinik aallatqiinik hilahiutit itqurniaruit atuqtunik, ilaqaqhunilu naunaiqhikhat hapkuninga: uunarninganik, ailarnaqhijuq, nirumiktunik, nuvujaat, anurimit, hilarlukhamik, hilarlukpiaktuq, CAPE (convective available potential energy – ilittuqhitiujuq atuqtaujuq nalautaariami hilarlukpiarnirmik) hilarlukhaq ingutaarnia (naunaitkut atuqtaujuq nalautaariami ulajunik), akhuuqpallangit anurimit, planetary boundary layer, surface radiation flux, unalu haines index, (naunaitkutit atuqtaujuq nalautaariami ikulaaqtuqaqqat).
Hilakkut Tiiviikkurutit, iliuraqhimayumik, unalu tiiviikkut	https://www.theweathernetwork.com/ca	Atuqtakhat hapkununga nakhaqataanut, qaritaujaliquiviit, uvalu TV qungiarviit tunihijut naittumik uvalu hivitujumik-kikliqaqtut itqurniarutit (ikaarnikkut, imaa malruuk havainik), ilaujut: uunarnia, anuri, ailarnaqhijuq, takunnarnia, hiqiniq nuijuq/hiqiniq nipijuq, ikkiap qanuriniit, uvalu hilap naunaiqhikhat (humi piinarialaqqat).

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Sentinel	https://sentinels.copernicus.eu/web/sentinel/missions	The Sentinel missions involve several satellites capturing images of the earth on behalf of the joint European Space Agency and European Commission initiative "Copernicus". Different satellites record things such as: radar imagery of land and ocean conditions; optical imagery of vegetation, soils and coastal areas; marine observations of sea surface topography, sea and land surface temperature, ocean and land colour; atmospheric, air quality, and UV radiation monitoring for forecasting; mean sea level, and ocean state monitoring. All data available at the website listed, but it is likely easiest to browse and find images of interest through NASA EOSDIS - Worldview (see page 82).
SpotWX	https://spotwx.com/	Provides access to a number of different weather forecast models, and includes information about: temperature, relative humidity, precipitation and clouds, wind and pressure, severe weather indices, CAPE (convective available potential energy – an indicator used to predict severe weather) and helicity (an indicator used to predict tornadoes), low level wind, planetary boundary layer, surface radiation flux, and haines index (an indicator used to predict wild fire behaviour).
The Weather Network, app, and channel	https://www.theweathernetwork.com/ca	Application for mobile devices, website, and TV channel provides short- and long-term forecasts (hourly, up to two weeks), including: temperature, wind, humidity, visibility, sunrise/sunset, air quality, wind gust, pressure, ceiling, and weather radar (where available).

ATUGAKHATS - HILAHUITIT ITQURNIARUTAIT ATUQTAKHAT/KIVGAQTUUTIT IKAJUUTIKHAT (AULAHIMAAQTUQ)

Kivgaqtuirnikkut Tunihijuq	Qaritaujakkuurutaa turaarvikhaq	Hilahiutit Itqurniarutait Atuqtakhat/Kivgaqtuutit Ikajuutikhat
Tinitparvia ulitparvia itqurniarutait	https://www.tide-forecast.com/	Tunihijut pidjutikharnik tinilvikhanik ulitvikhanik naunaitkutit, ilaujut: ulittuq tinittuq ikaarnikhait, tarium qanuriniit, maliqtut angitilangit, tariup imaata unnaqtilanga, tatqiaq aullania, hiqiniq nuujuq/hiqiniq nipijuq, hilahiutit itqurniarutit/naittumik, anuri, unnarnia, ailaqtuq, takunarnia, anuqaqtuq, uvalu nuvujat.
Ventusky iliuraqhimayumik unalu qaritaujakkuurutaa	https://www.ventusky.com/	Atugakhat uvalu qaritaujakkut tunihijut pivikhanik haffumunga: uunarnianik, unarniarnahugijaujuq, nipalukhaq, naunaiqhinit, qangatayukkut, nuvujat, anurip kajumingnia, anuri tikikallaqtaqtuq, air pressure, kallulaqijuq, ailaqtittuq, maliit, aputimik qangani, ikkiap qanuriniit, qaritaujat piksalitit, (humi hailijut) imaalu anurip aullanianik.
Hilap Ataani (Wunderground) iliuraqhimayumik unalu qaritaujakkuurutaa	https://www.wunderground.com/	Atuqtakhat hapkununga tigumiaqtaqtanut qaritaujakkut qaritaujakkurutitt uvalu tunihijut ikaarnikkut uvalu 10 ubluni itqurniarutitik, ilaujut: uunarniitigut, nuvujat qanuriniit, hiuvani (% pijaarnirit), pollen, UV naunaiqhinit, ikkiap qanuriniit, akhuurutit, takunnarnia, qaniqtuq, niglaqtittuq, aputip ivjunia, nipaluk, ailaqtittuq, uvalu najugait ingilraat.
Anuri (Windy) iliuraqhimayumik unalu qaritaujakkuurutaa	https://www.windy.com/	Atuqtakhat hapkununga tigumiaqtaqtanut qaritaujakkut uvalu qaritaujaliquiit tunihijut nunaujanik takunnaqtut hilap naunaiqhinit unalu qangatayukkut katitiqtait anuri kajumiktilaanga uvalu atugakhaq, nipaluk, qanik, kalluk, uunarnia, niglaqtittuq, ailarnaqhijuq, UV naunaitkutaa, nuvujat, taktuuk, tautuknaqtuq, maliit, tariup unnarnia, harvaqarniit, akhut itqurniarutit, hilakkut qajagijaujut aalanik qaliriit tapkua pivikhatit.
Zoom Earth	https://zoom.earth/maps/satellite/	Tunihijut nunaujamik tautuktainik ilaujut: hilaam naunaiqhinit (pittaaqqat), qangatayukkut piksamik, anuri, uunarniganik, ilaqtittuq, anurimik aulanianik, ikualajut, unalu ulajut atuqtunik.

RESOURCES – ENVIRONMENTAL FORECAST PRODUCTS/SERVICES (CONTINUED)

Service Provider	Website Link	Environmental forecast products/services
Tide-Forecast	https://www.tide-forecast.com/	Provides access to tide station data, including: high tide and low tide times, sea conditions, wave height, sea temperature, moon phase, sunrise/sunset, weather forecast/summary, wind, temperature, precipitation, visibility, gusts, and cloud.
Ventusky app and website	https://www.ventusky.com/	Application and website provides access to: temperature, perceived temperature, precipitation, radar, satellite, clouds, wind speed, wind gusts, air pressure, thunderstorms, humidity, waves, snow cover, air quality, webcams (where available), and wind animation.
Weather Underground (Wunderground) app and website	https://www.wunderground.com/	Application for mobile devices and website provides hourly and 10-day forecast, including: temperature, cloud conditions, precipitation (% chance), pollen, UV index, air quality, pressure, visibility, dew point, snow depth, rainfall, humidity, and station history.
Windy app and website	https://www.windy.com/	Application for mobile devices and website provides map views and animations of: weather radar and satellite data, wind speed and direction, rain, snow, thunder, temperature, dew point, humidity, UV index, clouds, fog, visibility, waves, sea temperature, currents, extreme forecast, and weather warnings, among other layers that can be selected.
Zoom Earth	https://zoom.earth/maps/satellite/	Provides map view including: weather radar (where available), satellite imagery, precipitation, wind, temperature, humidity, pressure, wind animation, fires, and tropical systems.



Titirauyaqtaa: Jamesie Itulu
Art work by: Jamesie Itulu

Nunavut



Piksa/Photo:
Gita Ljubicic

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Results of a community survey on environmental forecasting
uses and needs

**UBLUIRVIA 2023
DECEMBER 2023**