

	ማዕቃ ትንተናናናና ከስተዳደር የብለትናውና፡ የብለትአካል የብለትናናናና ሰነድ 004-2023 ማስለያ 29, 2023 ልኩታል፣ ማዕቃ		
<i>9:00 - 9:02 AM</i>	1	ለጠቅምች ስራው ከስተዳደር	ጥናት ስርዓት
<i>9:02 - 9:04 AM</i>	2	የብለትናውና ጥናት ስርዓት	ጥናት ስርዓት
<i>9:04 - 9:05 AM</i>	3	የብለትናውና፡ የብለትናውና የብለትናናናና ሰነድ RM004-2023 የጥናት ስርዓት ፈጸም ስርዓት	1 ትናት ስርዓት
<i>9:05 - 10:00 AM</i>	4	የጥናት ስርዓት ስርዓት የጥናት ስርዓት ፈጸም ስርዓት	2 ትናት ስርዓት ፈጸም ስርዓት ፈጸም ስርዓት በጥናት ስርዓት
<i>10:00 - 10:15 AM</i>		የጥናት ስርዓት	15 ትናት
<i>10:15 - 10:30 AM</i>	4	የጥናት ስርዓት ስርዓት የጥናት ስርዓት ፈጸም ስርዓት	2 ትናት ስርዓት ፈጸም ስርዓት ፈጸም ስርዓት በጥናት ስርዓት
<i>10:30 - 11:30 AM</i>	5	የጥናት ስርዓት የጥናት ስርዓት (ፈጸም ስርዓት)	3 ትናት ፈጸም ስርዓት በጥናት ስርዓት
<i>11:30 AM - 12:00 PM</i>	6	የጥናት ስርዓት ፈጸም ስርዓት	4 ትናት ፈጸም ስርዓት በጥናት ስርዓት
<i>12:00 - 1:30 PM</i>		የጥናት ስርዓት	1 ትናት & 30 ጥናት

1:30 - 2:00 PM	7	Ընդունակ և համարակած գործառք Կանոնադրություն (ՀՀՍԴ)	5	Աճացնելու Ալիքացնելու աճ	30 Րունակ
2:00 - 2:05 PM	8	Թագավորական պատճեն՝ RM004-2023 ենթակա բարեկարգություն		Աճացնելու աճ	



፳፻፲፭

መፋይታ ቅጂ ማረጋገጫ እና ምርመራ

۱۰۷

כטבָּרְאַתְּ:

ΔΡΛΕ^αΔ^βΙΡ^γ: X

አ’ርር፡ የጊዜ ስምምነት በመስጠት የሚያስፈልግ የሚከተሉ ደንብ የሚያስፈልግ የሚከተሉ ደንብ

ΛΕΠΤΟΣ ΣΥΓΧΡΟΝΟΣ

Լ ա ն ե մ ձ բ շ ւ ո ւ ս :

- የፌሃፍናውን ስርጓሜዎች እና በመስቀል ማረጋገጫ ስርጓሜዎች የሚከተሉት ሰነድ ይሰጣል፡
 - የፌሃፍናውን ስርጓሜዎች እና በመስቀል ማረጋገጫ ስርጓሜዎች የሚከተሉት ሰነድ ይሰጣል፡
 - የፌሃፍናውን ስርጓሜዎች እና በመስቀል ማረጋገጫ ስርጓሜዎች የሚከተሉት ሰነድ ይሰጣል፡

אַבְרָהָם



Ekaluktutiak Hunters & Trappers Organization
P.O. Box 1270 Cambridge Bay, Nunavut X0B 0C0
Telephone #: (867) 983-2426 Facsimile #: (867) 983-2427
Email: cambay@krwb.ca

SUBMISSION TO THE NUNAVUT WILDLIFE MANAGEMENT BOARD FOR

Information: X

Decision: X

Issue: Dolphin-Union caribou *mortalities during collaring research*

Background:

Inuit livelihood is deeply connected to and inseparable from the livelihood of caribou. Inuit in the Kitikmeot region have depended on and continue to rely on Dolphin-Union (DU) caribou for sustenance, learning and practicing Inuit Qaujimajatuqangit (IQ) and traditional knowledge, and sense of well-being and community. The Total Allowable Harvest (TAH) for DU caribou has deeply impacted opportunities for Inuit to continue to cultivate and maintain these relationships. Inuit populations in the north are continuing to grow and community members are facing significantly reduced access to caribou hunting.

The Ekaluktutiak Hunters and Trappers Organization (EHTO) understands that the Government of Nunavut Department of Environment (GN DOE) conducts scientific research to generate information on caribou population trends and make recommendations for TAH, as well as other management plans. For DU caribou, GN DOE completed abundance surveys in 2018 and 2020, and collaring took place in 2021. GN DOE is currently completing another abundance survey and EHTO was recently informed of their plans to deploy 35 more collars in March 2024. EHTO continues to receive and review map locations of already-collared DU caribou (with a 4 week delay) from GN DOE.

Specific to DU collaring, EHTO is concerned about the following:

- Four mortalities (out of 36 collared individuals) occurred during collar deployment in 2021 that resulted in a reduction of 4 tags from the closest community (Kugluktuk). These unexpected mortalities occurred due to physical and physiological injuries (GN DOE, 2021). EHTO understands that GN DOE staff devoted their best efforts to avoid these events by following Standard Operating Procedures (Northwest Territories Environment and Natural Resources Wildlife Care Committee, 2011) and animal care protocols (CARMA 2008; TAEM 1996) via GN DOE and Government of Northwest Territories [GNWT] permits and frequent communications with GNWT veterinarian staff. However, even with these efforts, unexpected mortalities did and can occur.
- Mortalities also occurred during collar deployment prior to 2021, but these were fewer instances over time (2 mortalities out of 94 collars deployed from 2015 to 2018; GN DOE, 2018; GN DOE, personal communication). There was no TAH for DU caribou at that time.
- Although meat from the 2021 collaring mortalities was distributed to the local community, lost hunting opportunities for each household are invaluable and irreplaceable. On hunting trips, Inuit hunters not only learn from and practice hunting, they also learn and continue to practice traveling on the land, survival and safety skills, properly butchering and sharing meat, and updating their experience and knowledge of all wildlife. This IQ and traditional knowledge is shared with other community members, especially young ones that get to travel with older hunters.
- EHTO was not informed that caribou mortalities that occur during research would be considered part of the TAH. EHTO became aware of this response after the research mortality events in 2021 had occurred. In addition, HTOs were not consulted on the amount of compensation that could be provided for a caribou mortality during research.
- Kugluktuk Angoniatit Association (KAA; Hunters and Trappers Organization [HTO]) was informed of the 2021 mortality events in real-time. This was possible because of local participant observers who took part in the field work. Local observers properly and promptly butchered the animal and brought all parts of the animal and meat back to the community without wastage. GN DOE staff in the field also provided immediate updates through telephone and met in-person with KAA upon return from the field. Standard Operating Procedures and research protocols do not guarantee these circumstances and efforts will occur with all projects.

- The TAH for DU caribou that was initially set in 2018 did not take into account caribou mortalities that could occur during research. Tag deductions that account for GN DOE research mortalities are perceived as taking hunting opportunities away from Inuit.
- Any mortality that occurs during collaring research is not considered acceptable by EHTO. DU caribou population pressures, risks, and threats have been and continue to be acknowledged by co-management partners. This is reflected in their establishment and maintenance of a TAH. DU caribou is also currently assessed as Endangered by the Committee on the Status of Endangered Wildlife in Canada under the Species at Risk Act.
- Collar deployment involves pursuit by aircraft, capture by net gunning, and physical immobilization and handling to collect biological samples from reproducing females (Northwest Territories Environment and Natural Resources Wildlife Care Committee, 2011). These activities add remarkable pressure on a small population of caribou. Perception of predation risk can also affect reproduction in female animals, and is potentially heightened by repeat capture and handling (Cattet, 2018).
- The large population of Cambridge Bay relies heavily only on DU herds for caribou harvesting, under EHTO tag allocations (currently 50 per year). Community members occasionally harvest Beverly caribou.
- There is a lack of transparency in how collaring data could or would be used by GN DOE outside of a proposed research project, for example, in land use planning or Nunavut Impact Review Board processes under the Nunavut Planning and Project Assessment Act.

In addition, EHTO notes the following proactive efforts as they pertain to DU caribou:

- Kitikmeot communities are part of a User-to-User DU caribou group with the Inuvialuit Settlement Region as an interjurisdictional effort to continue monitoring DU population and distribution changes. This group is also a forum for exchanging traditional knowledge across the whole DU caribou range.
- EHTO acknowledges that collaring can provide important information on caribou distribution and guide abundance surveys. However, Inuit hunters are also already aware of this information through their shared IQ and traditional knowledge; GN DOE uses this information to design their abundance surveys. EHTO is particularly aware of how collaring information is comparable to Inuit knowledge when reviewing GN DOE collaring maps.
- EHTO is not in support of collaring research that affects Inuit harvesting. Collars that were previously deployed are still providing locational data. EHTO encourages the inclusion of and support for IQ, traditional knowledge, and Inuit hunters as alternatives to investing in collaring research. These alternatives should be considered especially in the years where DU caribou herds are in low numbers and already facing multiple disturbances. Any further reductions in Inuit harvesting opportunities limits Inuit ability to practice and build DU caribou traditional knowledge, although this knowledge can be gathered indirectly during other traditional harvesting and land use activities.

Consultation:

The below consultation record does not include all communications. This record is not meant to be exhaustive but instead, highlights key points that are relevant for this submission.

- On 16 September 2021, GN DOE provided information to KAA, EHTO, KRWB, Kitikmeot Inuit Association, Nunavut Tunngavik Inc., and Nunavut Wildlife Management Board representatives on DU collaring fieldwork that occurred in spring 2021. This in-person consultation took place in Kugluktuk. Discussions included the 4 mortality events and how GN DOE and KAA responded to them. It was noted by KRWB and KAA staff that no monetary compensation was offered or provided.
- On 10 November 2022, GN DOE indicated their intent (via email) to deploy 35 collars in spring 2023. GN DOE indicated this number was based on the vulnerable stage of the herd. GN DOE also proposed that collaring occur closer to Cambridge Bay since GNWT was also proposing to deploy collars in their jurisdiction on Victoria Island.
- On 9 December 2022, GN DOE provided draft research proposals (via email) indicating their intent for DU deployment to occur in April 2023. At this time, GN DOE indicated that letters of support were needed.
- On 30 August 2023, GN DOE hosted a meeting with EHTO and KRWB staff (via remote videoconferencing) that KAA was unable to attend. During this meeting, GN DOE initiated a discussion on how to approach DU caribou mortalities, and suggested options for EHTO and KRWB. EHTO voiced their concerns about mortalities occurring during collaring research, which are indicated in this submission. GN DOE proposed acceptable mortality rates and thresholds, where once a threshold is reached, research would no longer proceed and any remaining collars would be deployed the following year.

- *EHTO had a discussion on 31 August 2023 and did not want to support GN DOE on DU caribou collaring until the mortality issue is resolved. EHTO does not want to see their membership lose any DU tags.*
- *On 6 September 2023, GN DOE indicated to KRWB, EHTO, and KAA (via email) that “the GN supports the following two options for an NWMB submission: 1) keeping 4 additional tags in reserve for collar mortalities, or 2) seek approval from NWMB that any mortality from collaring will not be removed from the TAH.” GN DOE also recommended that the submission be made by HTOs and KRWB because of the lost opportunities for hunting when a mortality occurs, and that submissions should be made by the organizations requesting the change.*
- *On 20 September 2023, EHTO executives met with a KRWB staff member (via Microsoft Teams) to initiate a draft submission to NWMB.*
- *On 11 October 2023, EHTO executives met with a KRWB staff member (via Microsoft Teams) to discuss, review, and finalize a submission to NWMB.*
- *On 18 October 2023, GN DOE indicated (via email) that it is their “recommendation that animal mortalities during collaring operations not come of the TAH.” They also indicated that this recommendation would not create a conservation concern because collaring mortalities are usually a very low number.*

Recommendations:

- Inuit view animals not only as meat, but also opportunities and relationships that need to be respected, cultivated, and maintained over time. Co-management partners must keep this in mind when using tags to represent animals.
- A mortality that occurs during DU caribou research should not be considered part of a TAH. Animal mortalities during research should be considered rare events. A DU caribou mortality that occurs during research is an unintended event rather than a harvest.
- For every DU caribou mortality that does occur during a GN DOE research project, the animal must be promptly butchered by a local Inuit research participant and the meat must be brought back to the nearest HTO. GN DOE must also provide monetary compensation to the nearest HTO to acknowledge (rather than substitute) the lost hunting opportunity when a mortality occurs. This compensation should occur regardless of whether the mortality is counted as part of a TAH. The value of caribou is priceless and the appropriate amount of compensation needs to be determined in collaboration with the HTO.
- *For all mortalities, animals must be biologically sampled and, if possible, autopsied to confirm causes of death. Local observers are also knowledgeable about and able to verify causes of death.*
- IQ can inform the design of research projects to minimize mortality risk. EHTO can be consulted for their knowledge of when and where collars could be deployed to reduce mortality risk (e.g., at water crossings).
- DU caribou collaring research should not proceed without the explicit support of local HTOs, and the inclusion of at least 2 local participant observers recruited by the HTO for fieldwork. HTOs and their recruited observers should have the authority to pause or cancel research activities if they observe mortality risks, unusual mortality events, and/or research conditions that violate the conditions of their research support (e.g., as indicated via letters of support).
- During fieldwork, GN DOE must provide daily updates to local HTOs.
- All GN DOE staff and their contractors that conduct wildlife research should be mentally and physically capable, take their work seriously, and respect Inuit, wildlife and the land that they need to work with.
- When requesting Letters of Support, GN DOE should be requesting support not only for research activities but also when, where, and how collaring data will be used, shared, and published, for example, in collaboration with land use projects and proponents. GN DOE should also disclose what kinds of information might be collected from captured caribou when they are being collared (e.g., how long caribou are restrained for). HTOs cannot make informed decisions on whether or not to support research when they do not know all of the risks and how the resulting data might be used.
- Inuit hunters and elders collectively share and hold information on current caribou population distributions and trends. There is a need to improve support for and reliance on research that documents IQ and traditional knowledge in a way that is led, analyzed, and shared directly by HTOs or RWOs, in support of their responsibilities under the Nunavut Agreement. Most IQ research involves information that is extracted and reinterpreted by non-Inuit organizations to meet non-Inuit management objectives and priorities. Published IQ research also has a tendency to replace community consultations. When this happens, important aspects of IQ on how and when to use community-sourced information is lost.

- GN DOE must provide all wildlife handling and sampling protocols and research permits associated with a research project to the local HTOs and KRWB that they are requesting support from. For DU caribou, this includes permits that are acquired in the Northwest Territories and under the Species at Risk Act.

References:

CARMA. 2008. Rangifer Health and Body Condition Monitoring: Monitoring Protocols Level 2. CircumArctic Rangifer Monitoring and Assessment Network. 54 p.

GN DOE. 2021. Dolphin and Union caribou 2021 collaring, Kugluktuk — August 24–26. Field Report. Prepared by: A. Roberto-Charron.

GN DOE. 2018. Dolphin and Union caribou (Rangifer tarandus groenlandicus x pearyi) 2018 collaring (NWRT Project Number : #2-18-10). Nunavut Wildlife Management Board Final Project Report. Prepared by L.M. Leclerc.

Northwest Territories Environment and Natural Resources Wildlife Care Committee. 2011. Standard Operating Procedure. Capture, Handling & Release of Caribou. Version 2. Prepared by M. Cattet.

TAEM, 1996. 1995/1996 Year One Progress Report. Development and Application of Animal Borne GPS Technology on Woodland Caribou. A report of the Research and Development Committee of Manitoba Hydro.

Prepared by:

Ekaluktutiak Hunters and Trappers Organization
cambay@krwb.ca

Dr. Pamela B.Y. Wong
Senior Research and Technical Advisor
Kitikmeot Regional Wildlife Board
pwong@krwb.ca

Submitted by:



Peter Evalik, Interim Chair
Ekaluktutiak Hunters and Trappers Organization

Date: 3 November 2023

Wildlife Telemetry in Nunavut – Barren-Ground Caribou

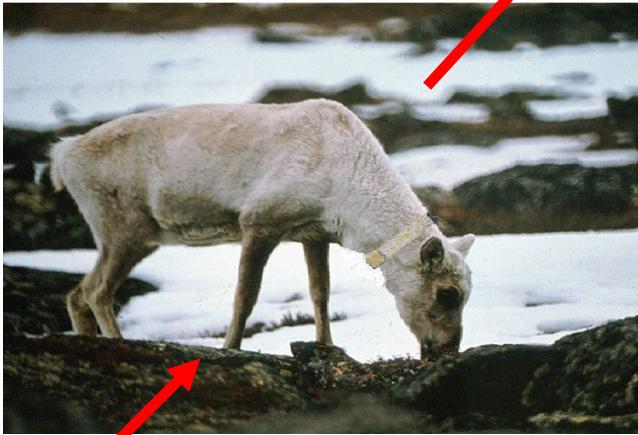


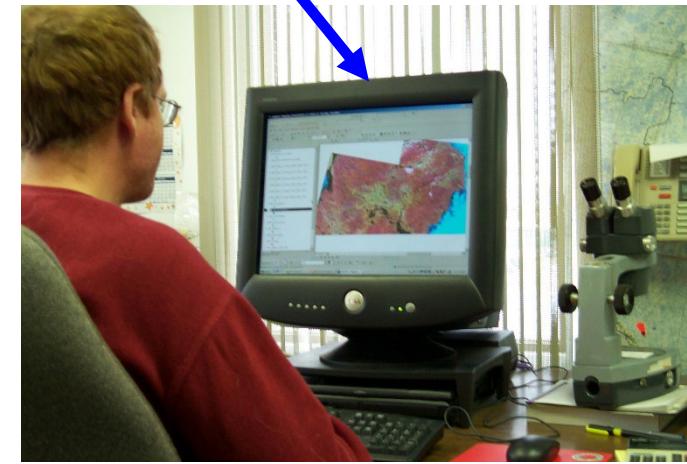
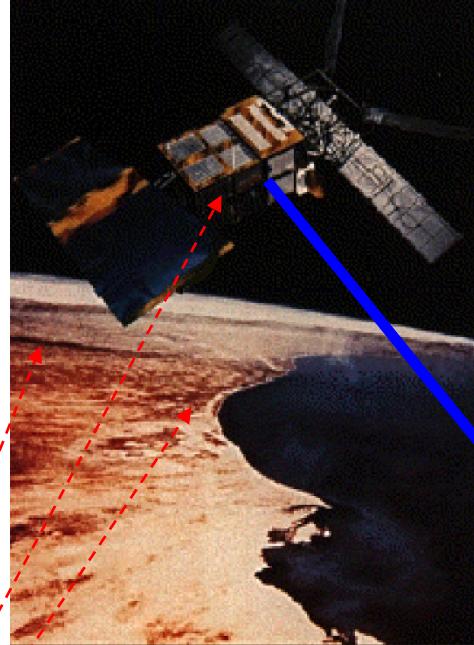
Prepared by: Mitch Campbell
Kivalliq Wildlife Biologist
Nunavut Department of Environment
P.O. Box 120
Arviat, NU, X0C 0E0
Ph: (867)857-3171

Some of the contents of this presentation contain draft results and are not to be cited, published or distributed without written permission of the GN ENV.

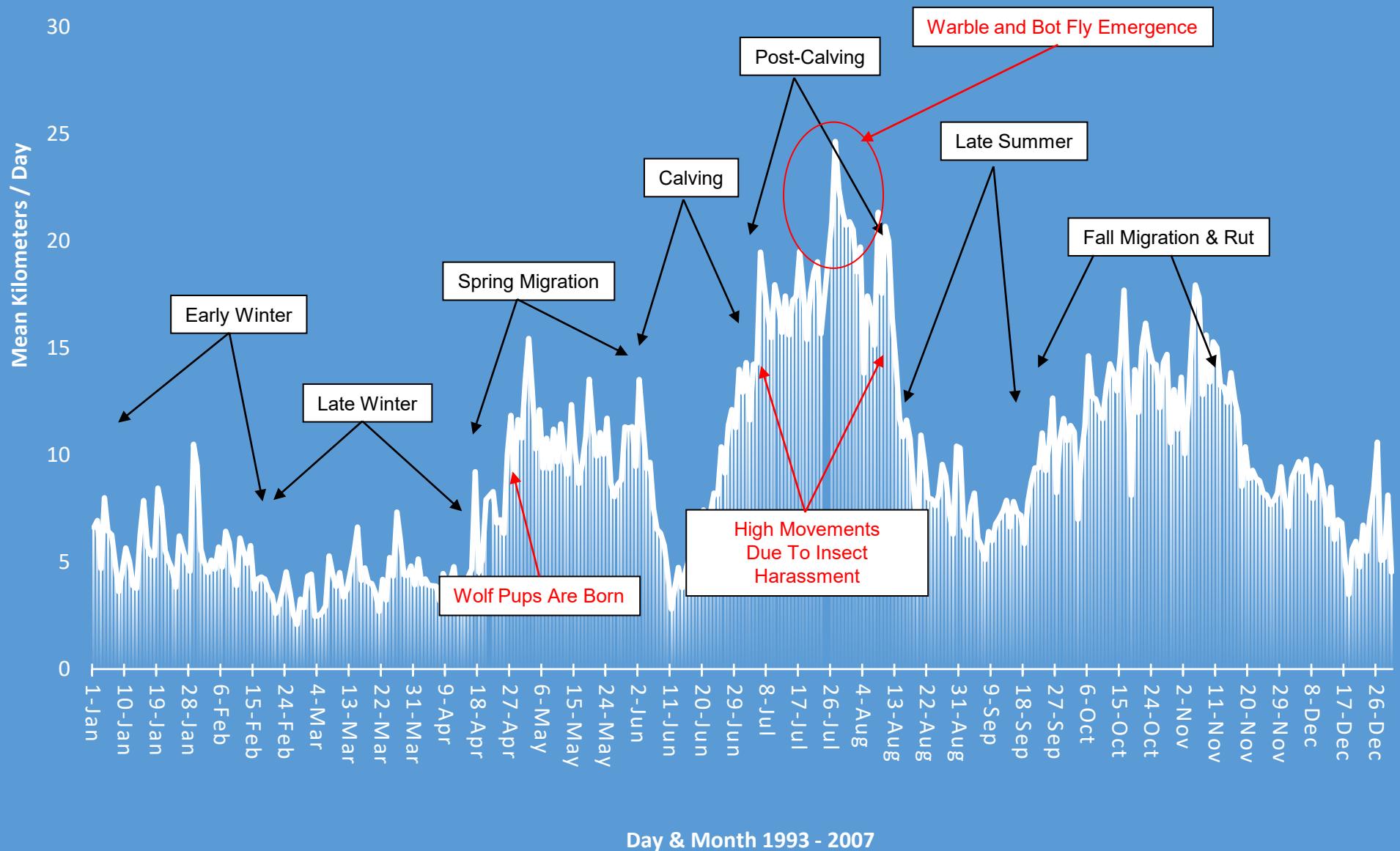
Telemetry Based Studies - Overview





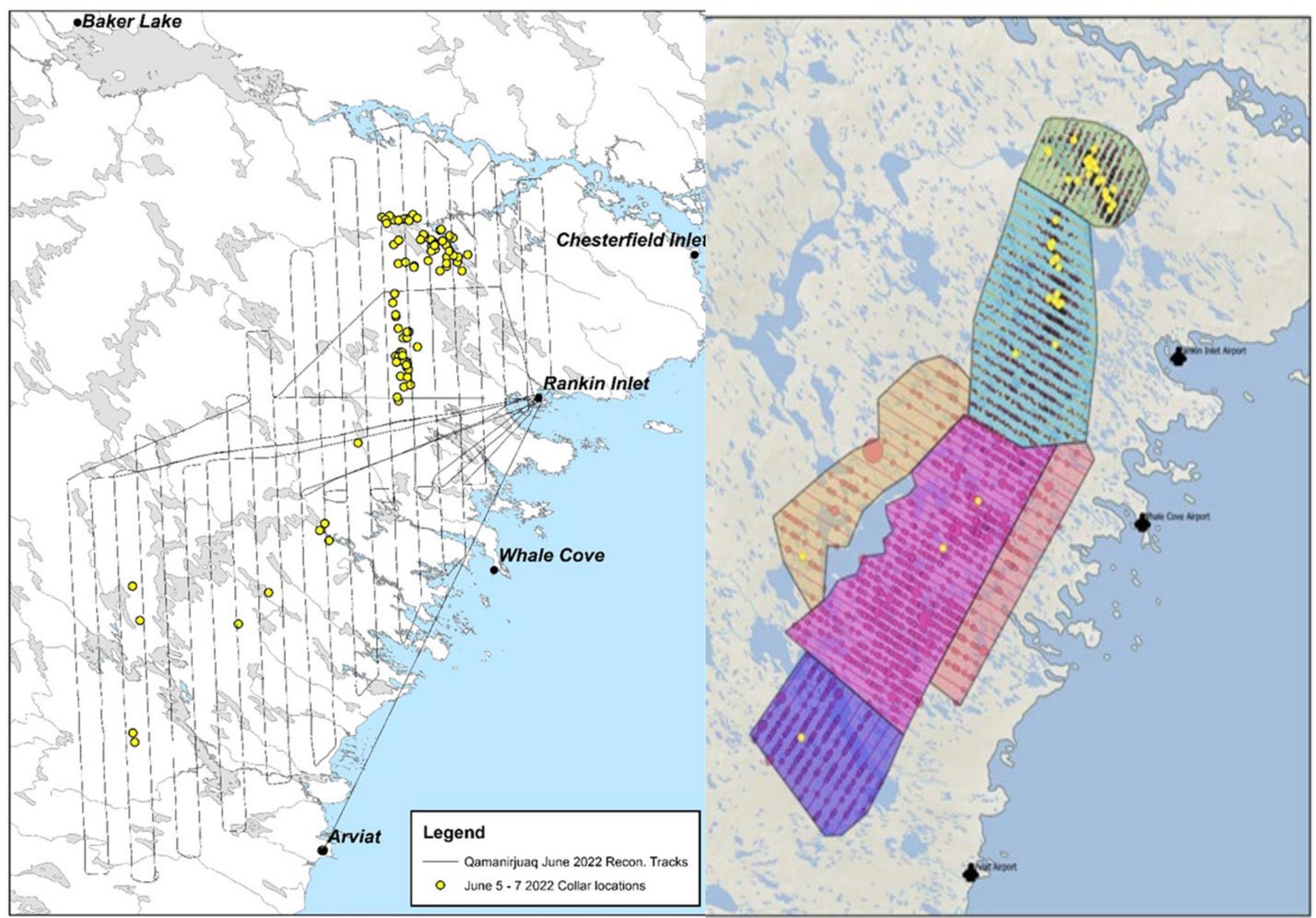


QAMANIRJUAQ CARIBOU MOVEMENTS (KM / DAY)

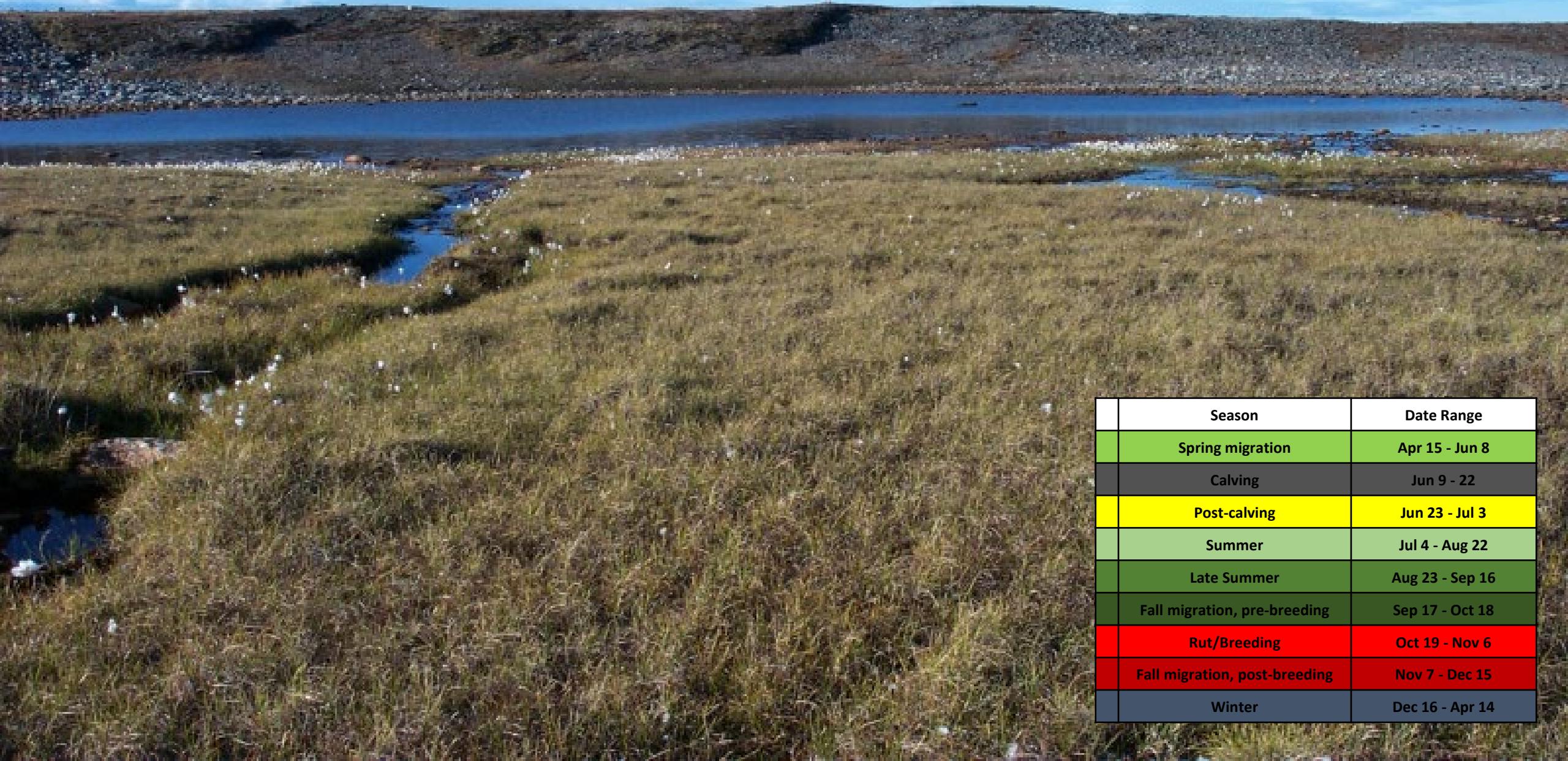


Caribou Research Programs



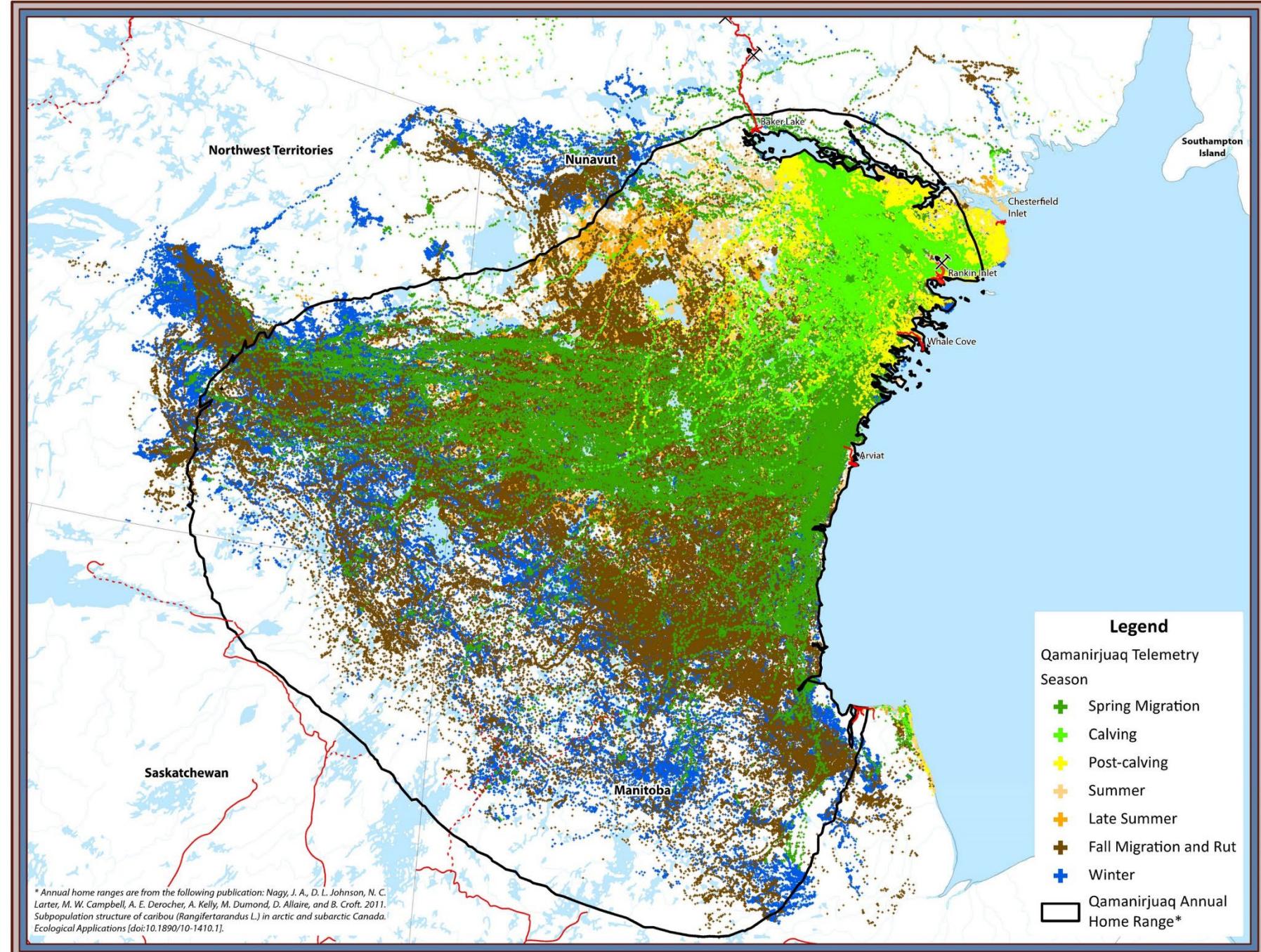


Caribou Range Studies



	Season	Date Range
	Spring migration	Apr 15 - Jun 8
	Calving	Jun 9 - 22
	Post-calving	Jun 23 - Jul 3
	Summer	Jul 4 - Aug 22
	Late Summer	Aug 23 - Sep 16
	Fall migration, pre-breeding	Sep 17 - Oct 18
	Rut/Breeding	Oct 19 - Nov 6
	Fall migration, post-breeding	Nov 7 - Dec 15
	Winter	Dec 16 - Apr 14

Qamanirjuaq Caribou Telemetry Based Annual Range



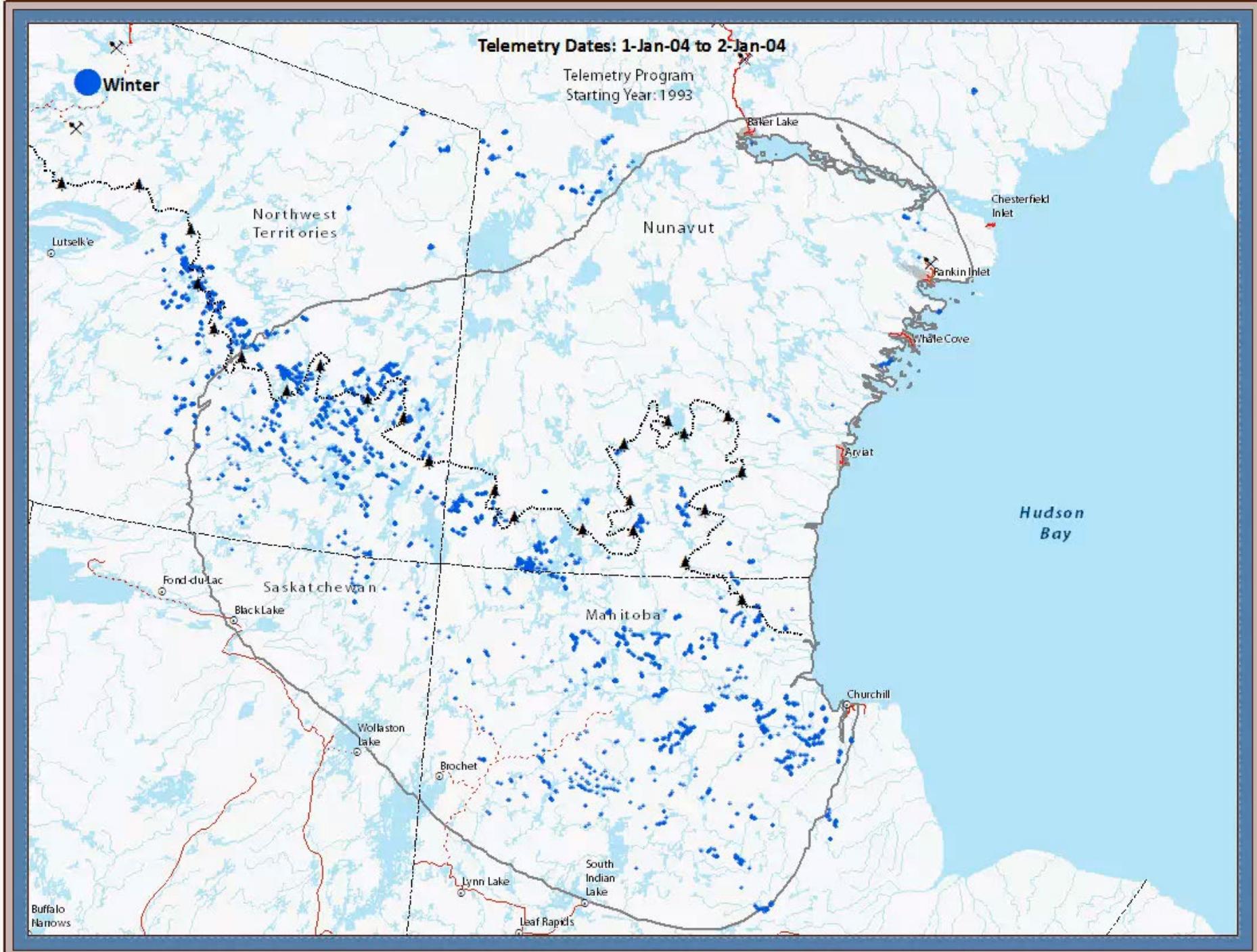


Figure 4.9.3
Qamanirjuaq
Spring Migration Corridors
(Apr 15 - Jun 8)

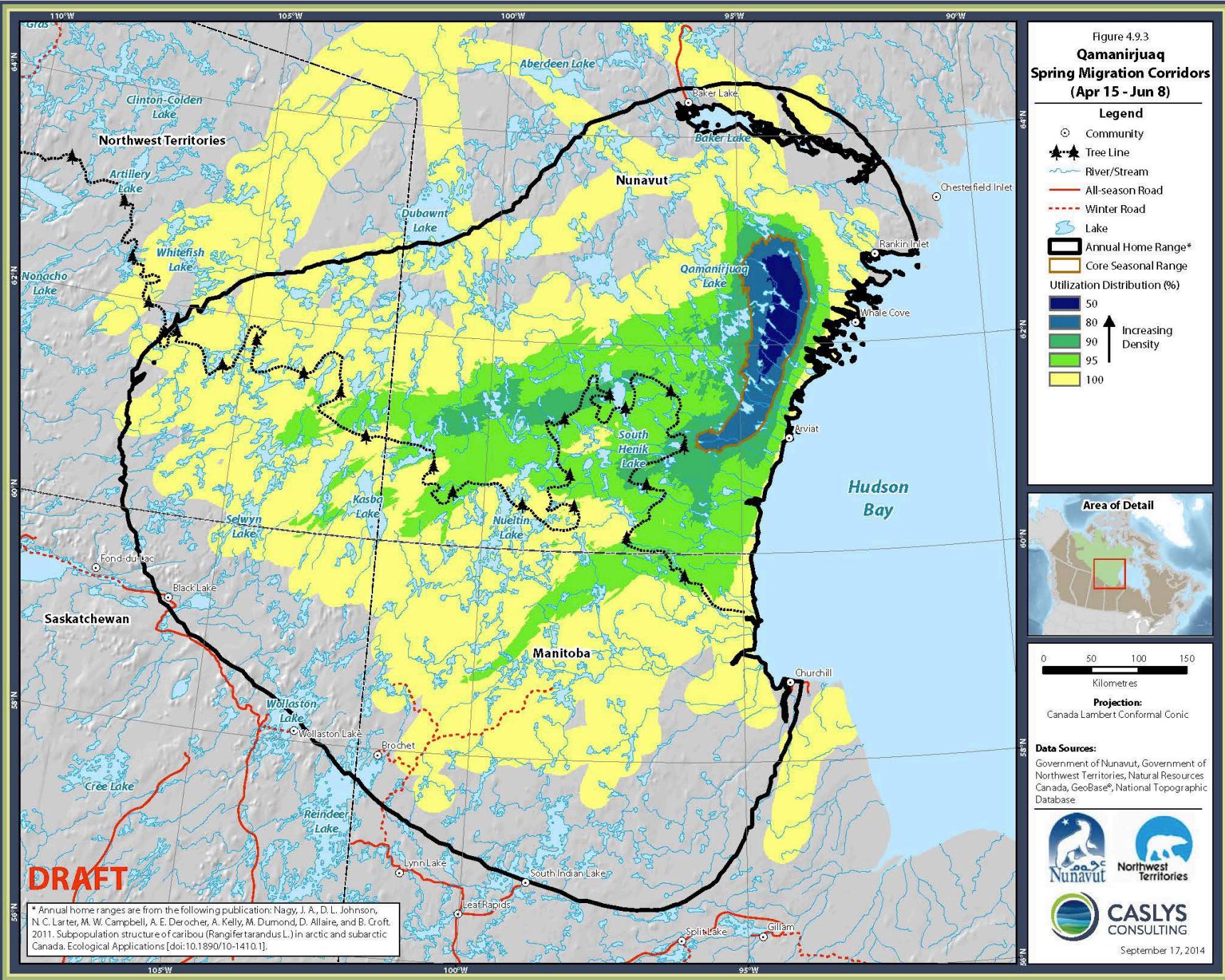
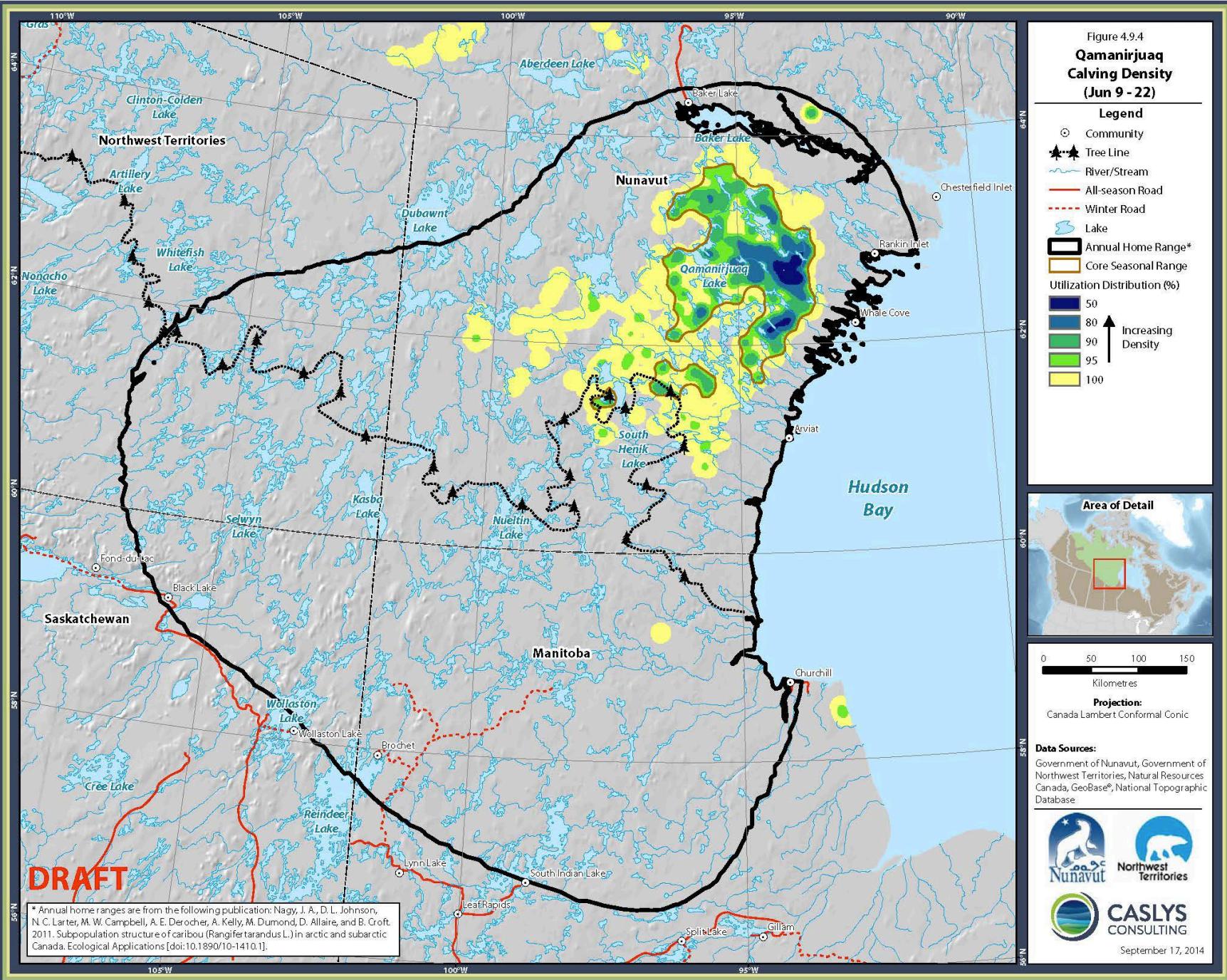
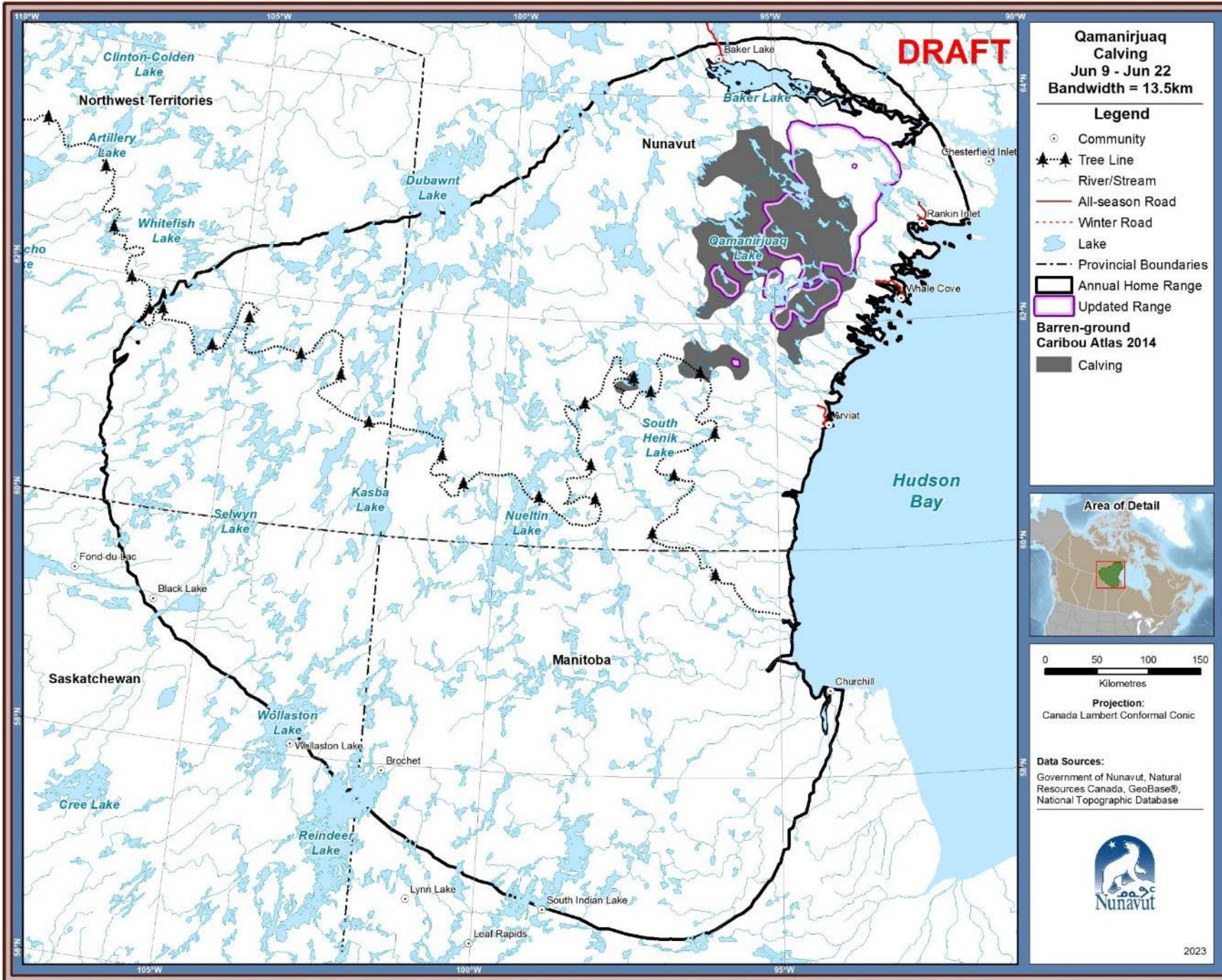
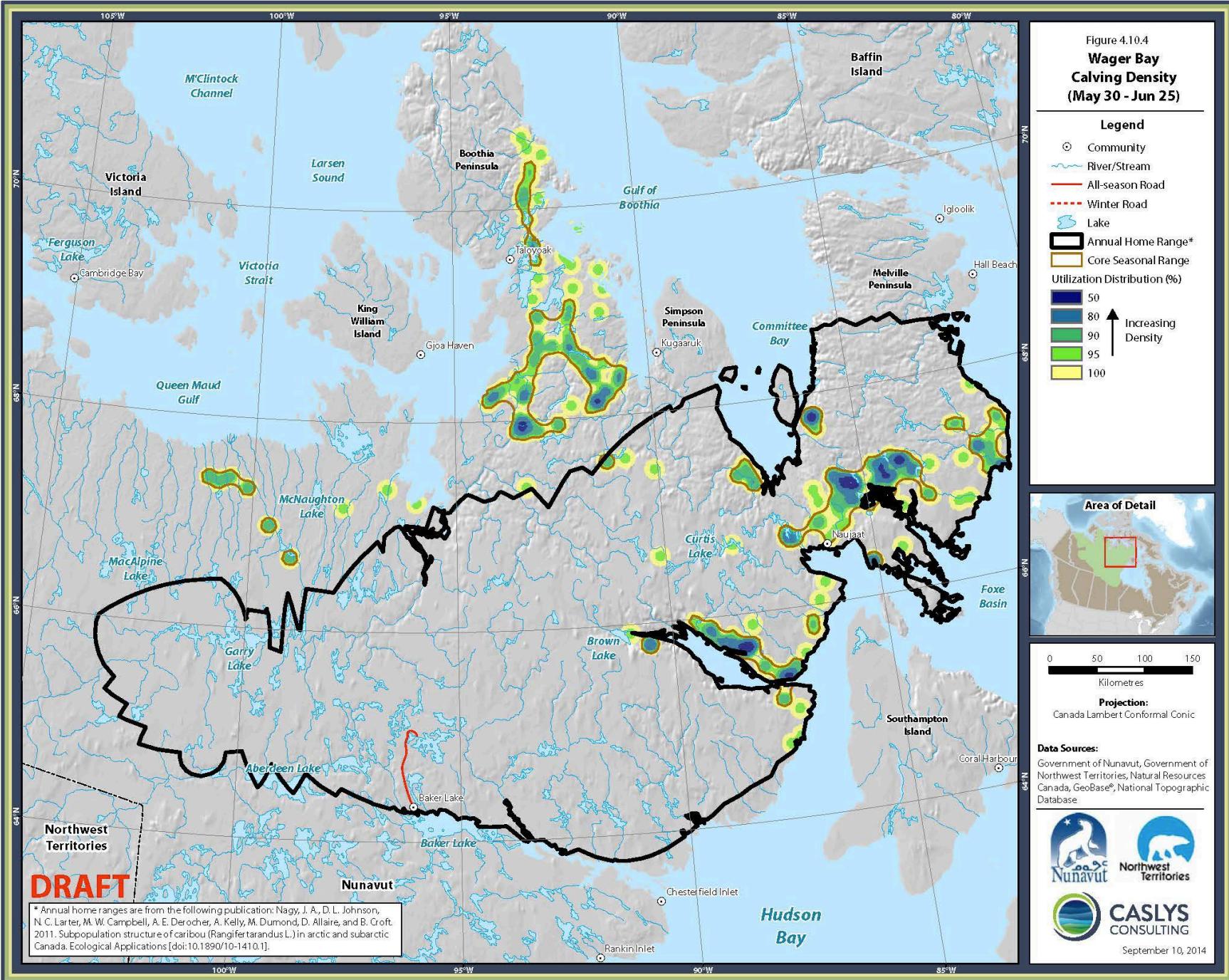


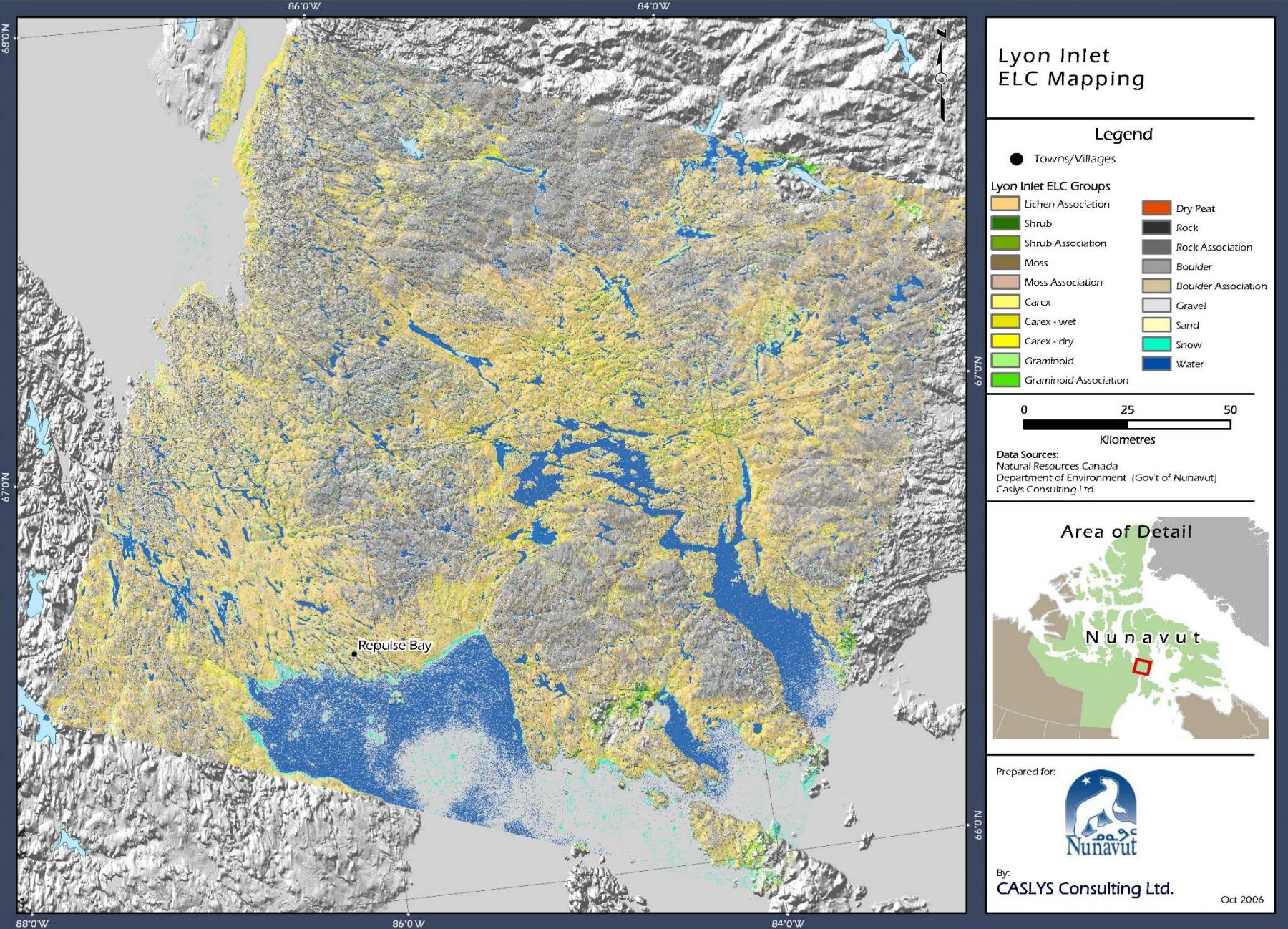
Figure 4.9.4
Qamanirjuaq
Calving Density
(Jun 9 - 22)



Cal'



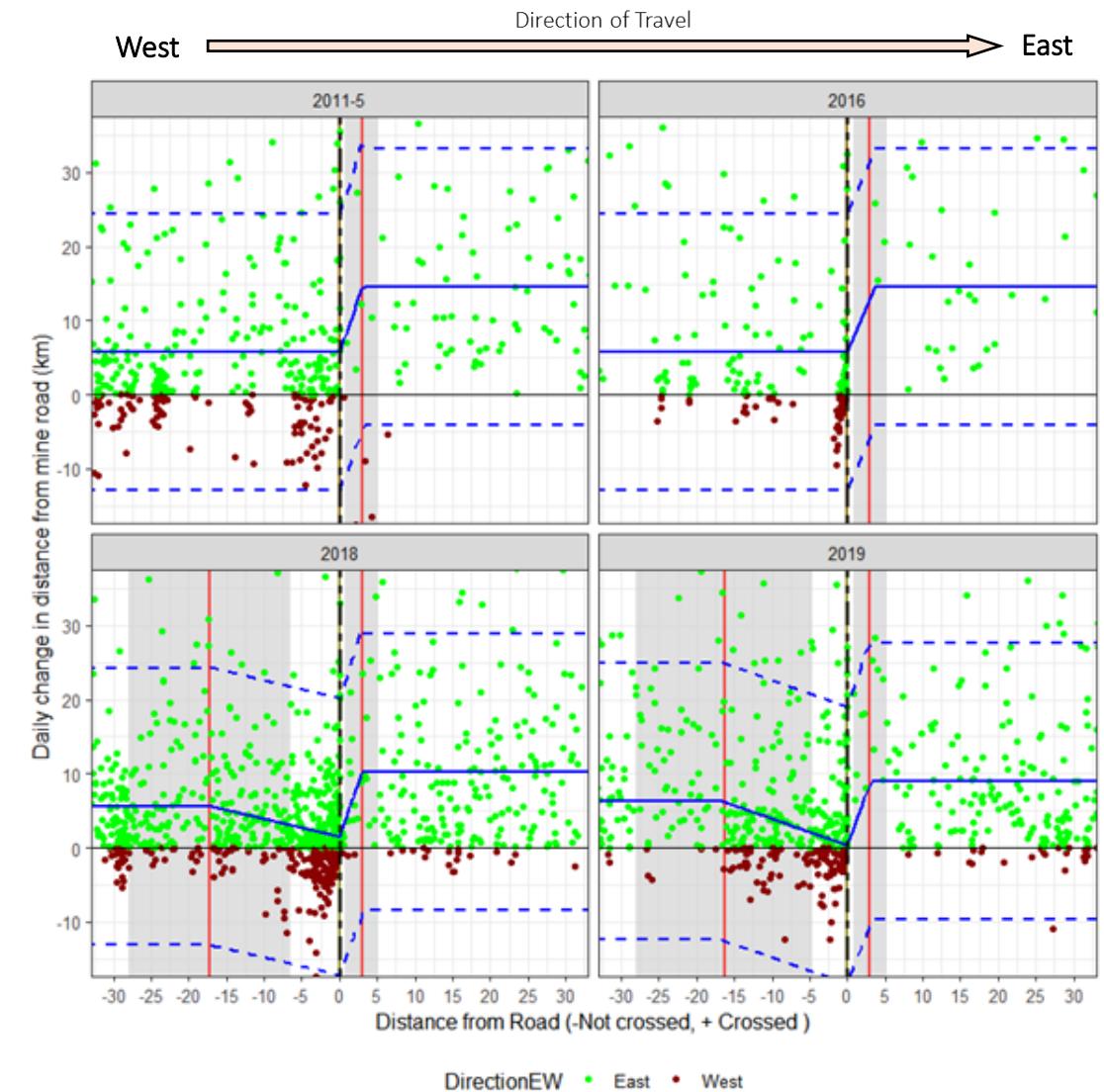
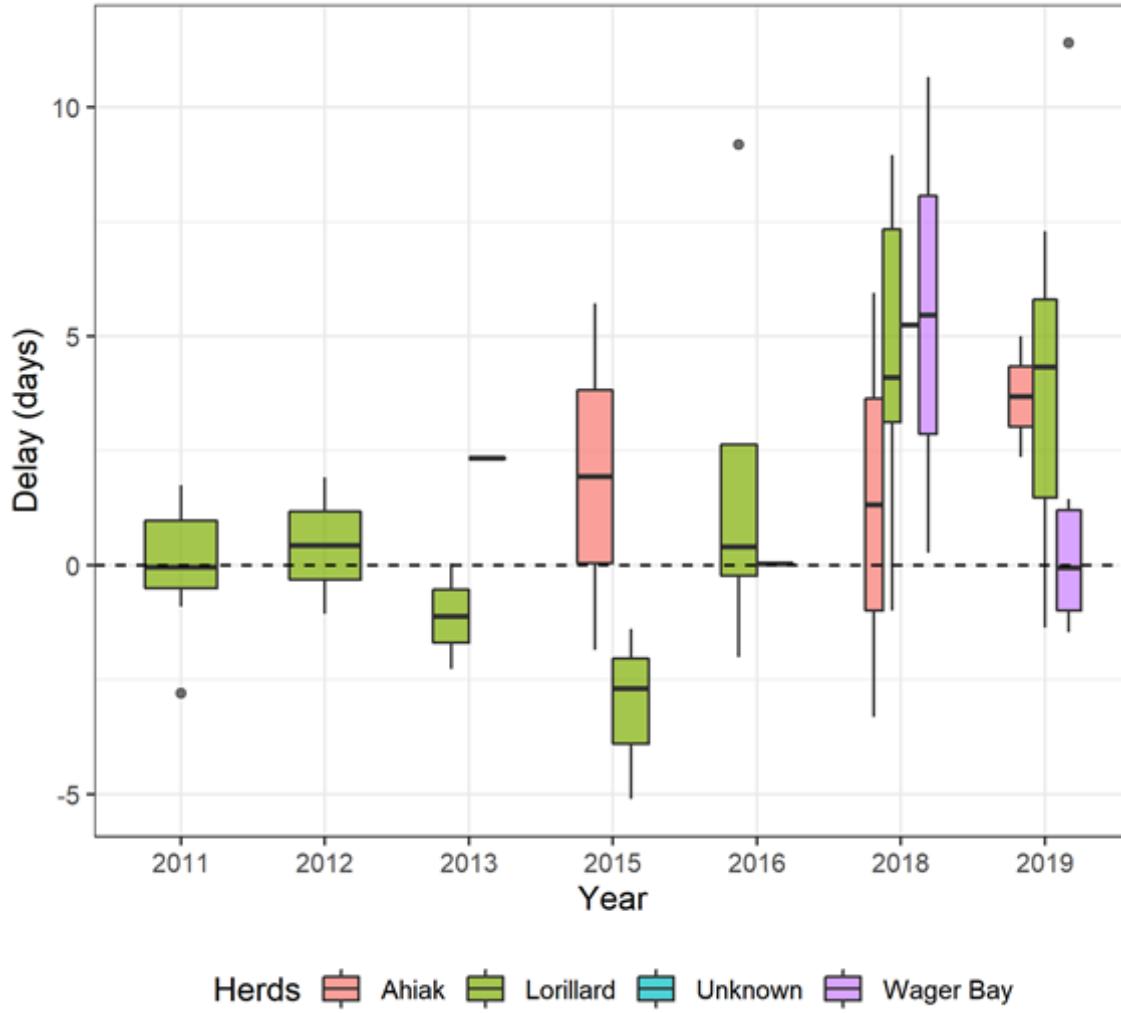




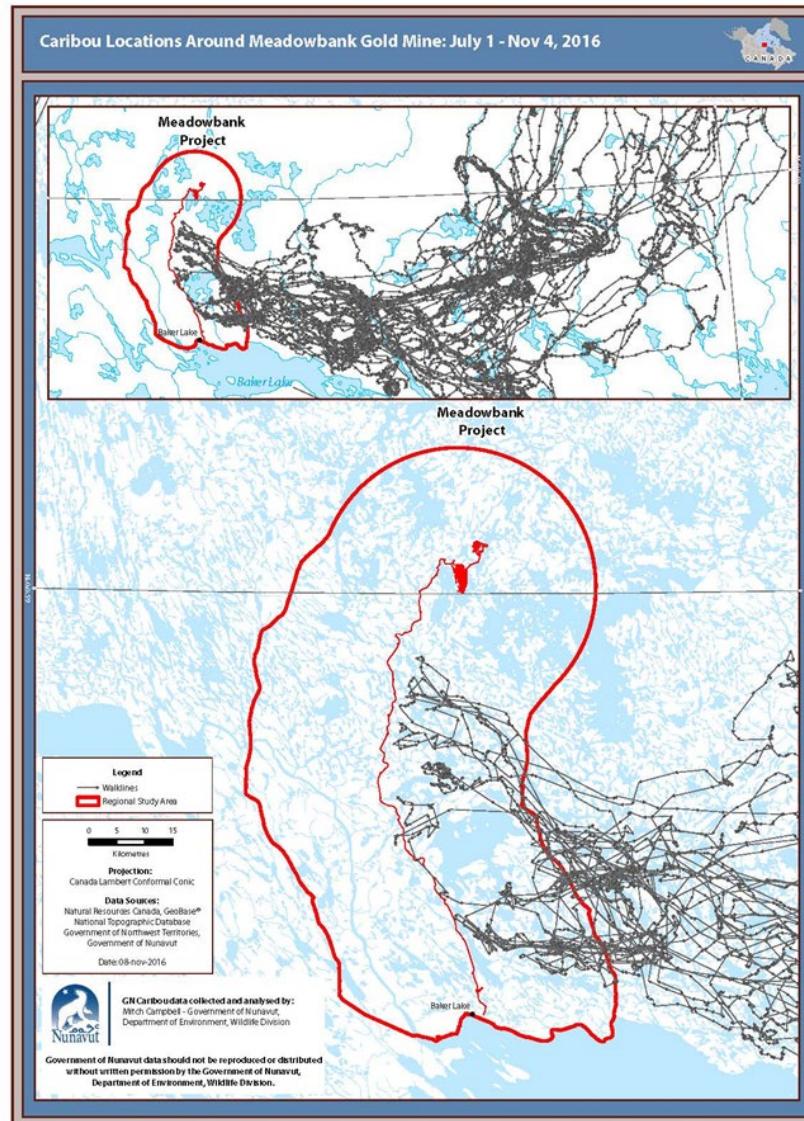
Land Use Planning

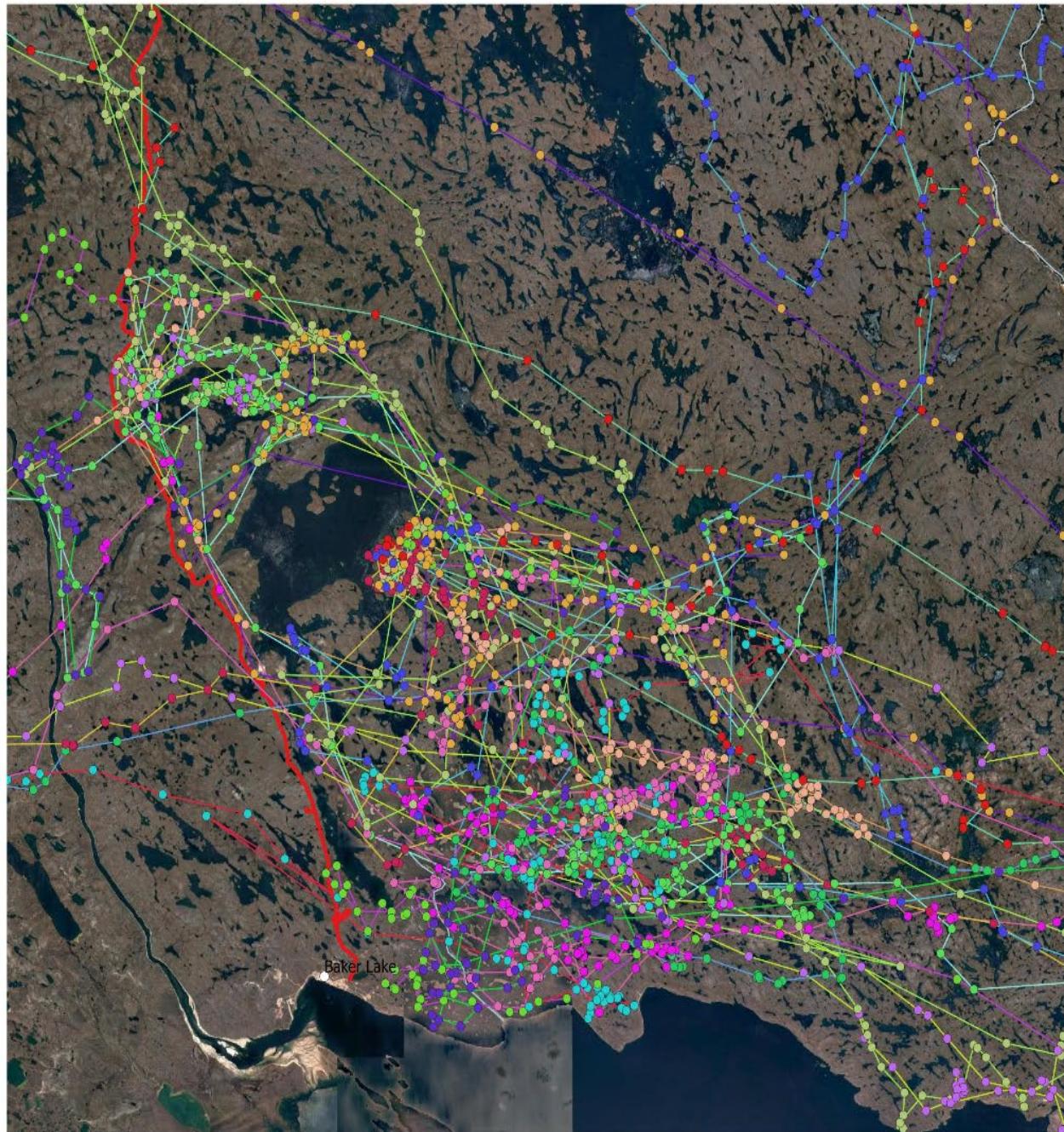


Significant Impacts Found



Impacts of Roads on Migration





Legend

Caribou collars

- BL0600415
- BL0640415
- BL0730416
- BL0750416
- BL0760416
- BL201733
- BL2018002
- BL2018003
- BL2018004
- BL2018005
- BL2018011
- BL2018013
- BL2018016
- BL2018017
- BL2018020
- BL2018024
- BL2018054

**August 15th through
November 17th,
2018**

10 0 10 km



Kugluktuk Angoniatit Association • Hunters' & Trappers' Organization
PO Box 309, Kugluktuk NU XOB 0E0 • Phone: (867) 982-4908 • Email: kugluktuk@krwb.ca

**TOGHIKTOTAT TATVUNGA NUNAVUMI ANGUTIGHALIKINIKUT MUNAGHIYIOVLOTIK
KATIMAYIITNUN
KATIMANIAKTITLUGIT RM-004-2023
NOVAIPA 29, 2023**

pitjutaoyok

TOHAKTITJUTIIT: **IHAMALIOKUTAT:** **X**

PITJUTAOYOK: Kugluktuk Angoniatit Katimayiit (Kugluktuk HTO-kut) toghiktotat talimanik illaliotiyoghanik Aghaknik Aliahukhutik Anguniaktot Ataataghaitnik.

HIVUNIGHITJUTIIT TATVALO ATOGAOYOT:

Kangahaak ukkiut atoktitlogit, Kugluktukmiut Inuit takkuhimaliktot amigaikpalianinganik aghaitnik kaningani Kugluktup hillatani. Takkuyaokataghotik hapkua amiyuut aknaluit miggaiyakaktonik amihunik.

Aghait takkugaonginaktotli tuktuit nugiokviitni tatvalo nayogagiyaitni hapkua umingmaat.

Ukkua Nunavut Kavamatkut havagihimayaat aghait naunaiyaotaitnik kaningani Kugluktup 2008-09-mi taitai 2021-mi. Naunaiyahimangmatjuk tatvani 2021-mi takkunaktot hapkua amigaikpalighimaliktot Aghait kaningani Kugluktup. Tatvani 2008-09-mi naunaipkutait imaitot talimaat avatkumayot aghait nahautait 5.6/1000 km² tatvalo 2021-mi tahama nahautait 6.6 aghait/1000 km². Naunaiyaotait takkunaktot hapkua aknakluit Aghait amigaikpalighimaliktot, and there is no significant increase in the male population. Una kangahanuak naonaiyaktaohimayot hapkuagok aghait annaomavalaakpaliktot amihunik ukkiunik. tatvani 2021-mi, 17-guyut aghait tigoyaoffaghimayot tatvanganin 2008-09-mi naunaiyaktaohimayogaluit.

Tatvani Kavamatokatkut Angutighat Umayoniklo Kayagiyaovaliayot Maligaatni, Aghait tiitigaktaohimaliktot Ihomalotaoloalighotik. Hamna naonaipkutaongitok ikpigiyyaitnik hapkua nunaluit takkukataktaitnik tahamani ukkiuktaktumi. Hamna kangahaak Nunavut Kavamatkut naonaiyaotaitni tatvalo nunalitnin naonyaiyaghimayok hapkuagok aghait amigaitilangit amigaikpalianginaktot , tahamanivalaat Kugluktup kaningani.

tatvani 2020-mi, ukkua Nunavumi Angutighalikinikut Munaghiyiovlotik Katimayiit ikkayoghointitait ukkua Kitikmeot Aviktoghimayomi Angutighalikiyiit Katimayiit toghiktotat huli illaliotiyomavlogit hapkuninga talimanik alliahutaovlotik anguniakutighaitnik ataataghanik tatvagok tamaita hapkua 15-guyut ataataghaitnik atoktaokatangitmata. tahamani Kitikmeoni hadja 15-nik aghaitnik alliahughutik anguniaktot ataataghaitnik avikgoghimayot imatot: Kugluktuk – 5; Ikaluktutiak – 5; Omingmaktok – 2 Kingaok – 3. Ukkua Kugluktuk Anguniaktiit Katimayiit piyagomangitot ataataghaitnik hapkunanga

HTO-kuniit tahamani Kitikmeot Aviktoghimayomi, pitjutigiloaghugo hapkua mamilokutaongmata anguniaktot munaghihiyoniit tatvalo ahiagot havagiyaotitlogit.

Kugluktuk alliahughutik anguniaktiit anguhimayot kangahaak ukkiuni taimaitot:

- | | |
|---------|--|
| 2018-19 | Malgok angutaohimayot |
| 2019-20 | 0 anguniangitot; kallakjuaknik hiamaghimiatiitlugo |
| 2020-21 | 0 anguniangitot; kallakjuaknik hiamaghimiatiitlugo |
| 2021-22 | hitamanik anguhimayot; ataohik ayughaotaoyok maahknagiighimangmat |
| 2022-23 | malgok anguhimayok; ataohik angungitok; malgok taimaaktiktok
anguniaghimaitomik |
| 2023-24 | talimat anguniakniaghimayot attilioghimaliktot upingaami tikkitiaktot |

Una nunalitni anguniaktionik nanminikaktok nigioktok tamakigomavlogit hapkua talimat ataataghat angotighakatoakat nakuniaknahogitait.

Innikiutighat:

Tatvani Aktopa 24, 2022-mi, Ukkua Kugluktumi HTO-kut katimakatigihimayat ukkua Nunavut Kavamatkut anguhikiyit naonaiyaiyoyok okaotigivlutjuk hapqua 2021-mi naonaiyaotaohimayot.

Uqqua Kugluktumi HTO-qut huli tohagaghaitniq hapqua angunahuaqtii tatvalo Havaqviat Avatiliqiyiit havaqtii Kugluktumi tatvalo una niqqainaqtuqtiniq anguhiqiyiit naonaiyaiyoyuq.

ATOLIQUITJUTAIT:

Kugluktumi Anguniaqtiiit Qatimayiit pitquiyugaluit uquninga Nunavumi Angutighaliqiniqut Munaghiyiovlutiq Qatimayiit angiquvlutjuq hapqua talimat aghait ataataghait alliahughutiq anguniaqtiiit atugaghaitniq.

Uqqua Kitikmeoni Aviqtuqhimayumi Angutighaliqiniqut Qatimayiit iqqayughiotihimayaat hamna toghiqtutigiyavut.

Taitai huli talimaniq ataataghaniq alliahughutiq anguniaqtiiit atugaghait huli manighioitaoniaqmata nunaptini; iqqayutauniaqmatlu iqqliqlimanahuaqlugit hapqua aghait amigaitilangit taimatotauq hapqua aghait tuqtuliqivalangitangita tuqtut nogioqviitni tatvalu tuqqutivalangitangita umingmaaqniq umingnait nayugaitni.

Hanaqihimaya umma:

Amanda Dumond

Ataniuyuq, Kugluktumi Angoniatit Qatimayiitni

‘የበተገኘነ’ ፈቃሮስ እና የዕቅድ ተደርጓል

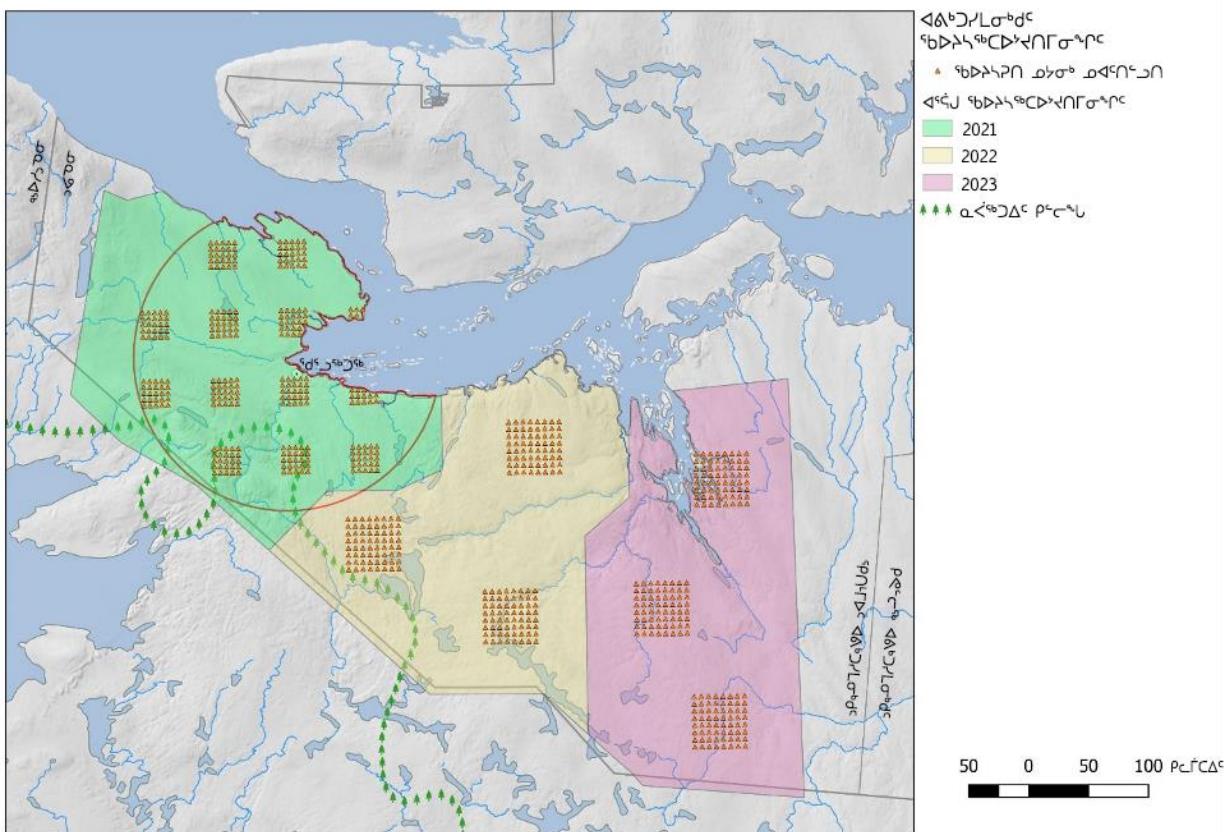
- ዓዲኑ 2008-2009-ዓመትን ስርጓሜው ሰነድ ሰነድ በኋላ እንደሆነ ሰነድ የሚያስፈልግ ይችላል፡፡
 - ዓዲኑ 2021-ጥ ሰነድ ሰነድ እንደሆነ ሰነድ የሚያስፈልግ ይችላል፡፡ ዓዲኑ 2008-2009-ጥ እንደሆነ ሰነድ የሚያስፈልግ ይችላል፡፡
 - ፌርማዎች እንደሆነ ሰነድ ሰነድ የሚያስፈልግ ይችላል፡፡ ዓዲኑ 2021-ጥ (6.6 ሲሄድ/1,000 km²) የገኘመና የሚያስፈልግ ይችላል፡፡ ዓዲኑ 2008-2009-ጥ (5.6 ሲሄድ/1,000 km²)፡፡
 - እንደሆነ ሰነድ ሰነድ የሚያስፈልግ ይችላል፡፡

‘የበተገኘ’ ልማት ተመሳሳይ የሚከተሉ ነው እና የሚከተሉ ነው የሚከተሉ ነው

- 15 ዓመታዊ ሪፖርት የዚህን የሚገኘውን አገልግሎት ተፈጻሚነት ይፈጸማል፡፡

- የፌሬታውን ደረጃዎች አሁን በዚህ የፌሬታውን ደረጃዎች አሁን = 5
 - የፌሬታውን ደረጃዎች አሁን በዚህ የፌሬታውን ደረጃዎች አሁን = 3
 - የጥናት ደረጃዎች አሁን በዚህ የጥናት ደረጃዎች አሁን = 2
 - ምክንያቱ በዚህ ደረጃዎች = 5

მინიჭებულება	2019		2020		2021		2022		2023	
	RH	SH								
დაზღვა	11	2	15	-	20	-	3	-	6	-
სასტაცია	11	-	12	-	2	-	4	1	3	1
ხარისხი	1	1	-	-	1	-	-	-	2	-
გრძელება	1	-	-	-		1	-	-	-	-
სისტემური მდგრადი	24	3	27		23	1	7	1	11	1
ამონიატური	6	4	7	-	9	-	9	5	5	4
დანართი				-			1			-
პლატფორმა				-					1	
კონკურენცია	7	1	9	-	23	-	5	4	9	2
სისტემური მომსახურება	13	5	16		32		15	9	15	6



٤٩

ՀՐԱՄԱՆ

ΔΛΓΤΔСΔС ΔЛГДС:

2. $\triangle\triangle\dot{6}^c$

3. ՚የፖርትራል

4. $\Delta^c \dot{\wedge} \Delta^c$

A. $\dot{\Delta}L^{\leftarrow b} \sigma^b$

$$\Delta^q b \rightarrow \underline{\Delta^c}$$

1. <^əσ[ۖ]ج[ۖ]>

- 2022/23-Г, бүгээрч ГИСССС 19,154 РДЖИСТРЫН ДАБАДАС СҮҮРҮҮЛСЭНДЭХ
 - СЛСЛ 2023/2024-Л, ДРДЖИСССЫН ДАБАДАС АДЛАДЫН ДАБАДАСЫН СҮҮРҮҮЛСЭНДЭХ

Δέσμευτος στην απόφαση της Δικαιοσύνης για την παραβολή της Ελλάς στην διεθνή δικαιοδοσία, ο πρωθυπουργός θα προχωρήσει στην επένδυση της Ελλάς στην διεθνή δικαιοδοσία, με την παραβολή της Ελλάς στην διεθνή δικαιοδοσία.

2. $\rho \triangleleft^c \subset^{\text{ab}}$:

3. ማስታወሻ

↳ **प्राचीन भाषा** (अंग्रेजी)

Δ⁹b-σ⁶ Δ⁹b-σ¹⁴ΔUCD¹³ ΛΣ¹⁴ΔUCDσ¹³γ¹

$\Delta G_{\text{c}} = \Delta H_{\text{c}} - T\Delta S_{\text{c}}$

ΔΥΑΩ ΔΥΟ ΚΤΥΛΙΣ ΛΕΒΑΙΟΣ ΛΕΠΑΙΟΣ

▷ ስርዕስ: ዓ.ም. 25, 2023

በፖ.ስታ.ኔ የፌትሬ ማረጋገጫ

oAAn 2023

۱۹۷

የኢትዮጵያ ማኅበር ቤት

ΔrLc>σ^εL^ε

ለእርስ: $\Delta b_{\text{center}}^{+/-} = \Delta L_{\text{center}}^{+/-}$ - $\Delta L_{\text{right}}^{+/-} + \Delta L_{\text{left}}^{+/-}$

Digitized by srujanika@gmail.com

Digitized by srujanika@gmail.com

1. $\Delta L^{\sigma} \Gamma D C \sigma^c \cdot \varphi_C \cdot \omega^c \sigma^c \cdot \Delta D C \cdot \eta \sigma^c \cdot \Delta L \cdot \varphi_B D \Gamma^c \cdot \varphi_B C \sigma^c \cdot \Gamma^c \cdot \langle \varphi_B \rangle \Delta \Gamma^c$

2. Сърните са бързите букашки

ΔԵՐԿԵՑՇԱԾՈՒՅՑ ՈՂԵԵԲԱԾ, ԿԾԼՇԱԾՎԱԿԾ ԹԶԳՎՀ ԽԼՇԵԱՀԱՆՔԾ ԵՍԼԱՐԱՐԱԾ
ՔՐԴՔՆԵՐՆԵՐՆ ՀԱՅԱՍՏԱՆԻ ՀԱՆՐԱՊԵՏՈՒԹՅՈՒՆ (ՄԱՐԴԱՐԱՆ
ՔԱՂԱՔ ԵՐԵՎԱՆ 2025) ԿՐԵԲԵՐՆԵՐՆԵՐՆ ԵԸԸՆԴՈՐԾ ԵԱՀԱՆՐԱՆ

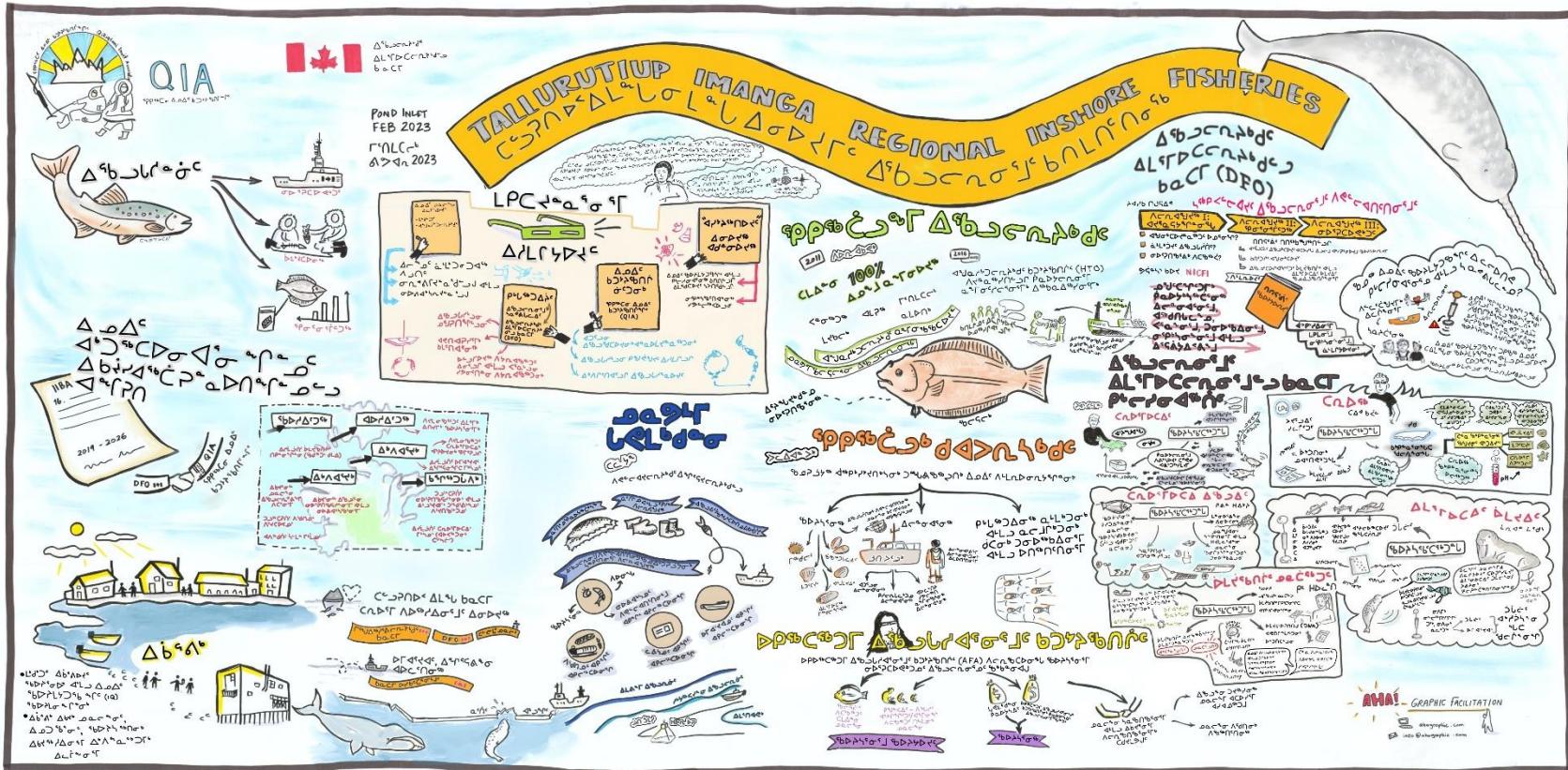
4. የዚህን ስልጊና ንግድ ተከራክር ነው

5. բըսաւաշ հետեւ ոյշածալ պատճեն

ՀԿԸՆԵՐՆԵՐԸ ԱԼԻՇ ԿՐԵԱԿՐՈ ՔՐՄԾՆ ԵՎՎՃՎԼԸ, ՏՐՎԱԿՆԵՐԸ 2023 ԷՆ
ՏՐՎԱԿՆԵՐԸ 2024.

ՈՈԳԳԵՑ: Ճ՞եւսո՞յ կը ԱԼԳ <՞ԱՃԾ՞յ կը ԿՐԿՈԾ՞յ, ԽՊԽԾԳԵՐԸ - Ճ՞եւսո՞յ կը ՀԱՃԾԵՐԸ եւ ՀԱՃԾԵՐԸ

►טַבָּה: ►כָּלֹעַ 11, 2023



▷ΔJº 1. ልº በ▷ጥር ልº ለርብሮ ዓº ሽርር የሻ ስኅ ጥቅናው እና ተናና ሽርር ልº ለርብሮ ዓº ሽርር

