



# Nunavut Wildlife Management Board Community-Based Monitoring Network

## Community-Based Monitoring Network Tri-Annual Report



**Date Range: Jan. 1, 2025 to Apr. 30, 2025**

### Issue

This report summarizes the data collected by Community-Based Monitoring Network participants and other program activities over the past few months, including dates Jan. 1, 2025, to Apr. 30, 2025. It is intended to give the Board an overview of recent activities within the program and is not a fulsome review of all the data.

### Overview

There were 154 active participants during this reporting period. The core communities are Arviat, Coral Harbour and Igloolik and Sanirajak treated as one core community. The satellite communities are Nauyasat, Baker Lake, Clyde River, Kugluktuk, Kugaaruk, and Taloyoak.

### Community Visits

Nunavut Wildlife Management Board staff travelled to Arviat from March 24 to March 29 to validate data, distribute recognition awards, and complete the grand prize draw. The grand prize winner, Jimmy Napayok, was awarded \$18,000.00, which he put towards an ATV. NWMB staff also held a participants feast to celebrate the Community-Based Monitoring Network and the success that harvesters had accomplished over the past year.

From March 29 to April 3, staff travelled to Coral Harbour to launch the program in the community. Staff trained Jonathan Emiktowt, the community liaison officer and registered over 40 new participants. By the end of the month, 12 harvesters had begun collecting data.

Igloolik and Sanirajak were also visited to launch the program in Sanirajak and re-vamp the program in Igloolik. Tommy Isigaitok, was hired to be the new Community Liaison Officer supporting both communities. NWMB staff are hopeful that the data generated from the CBMN in Igloolik and Sanirajak, can serve as a valuable baseline for measuring the potential impacts of the Steensby railway development on wildlife in North Baffin.

### Strategic Planning

The CBMN program has grown considerably in the past few years and is on a trajectory to continue expanding across the Territory in the coming years. Recognizing the need to ensure long-term sustainability and effective growth, staff typically hold strategic planning workshops every three to four years to guide the future scaling of the program. In March 2025, Liaison Officers and the CBMN contractor, Becky from NovaSila, joined NWMB staff in Iqaluit for a strategic planning workshop. The goals of the workshop were to 1) create an opportunity for all administrators of the CBMN to meet and interact in person; 2) gather the perspectives of the Liaison Officers on how the program is running in their communities; 3) collectively brainstorm ideas to be considered when planning the future of the program. The incentive program was a raved topic among all Liaison Officers. Harvesters really value the incentives as it supports their ability to be on the land, harvest for their families, and practice their culture. Liaison Officers suggested that communication within the communities through materials such as pamphlets or posters could help promote the program. Liaison Officers will also like to share harvest and observation reports with their Hunters and Trappers Organization to ensure data is shared with the community. The strategic plan will be captured in a handbook that the Community-Based Monitoring Network Coordinator is developing. This handbook will serve as a guide for how the program is managed by NWMB staff, its contractors, and Liaison Officers.

### Special Project

NWMB has partnered with Carleton University on the Mitiq Project. This project is led by Ph.D. student Kt Miller. Her research focuses on the cost of harvesting when hunting for mitiq in Kinngait, Nunavut. The researchers will be working with harvesters in the community to collect harvest and observation data using the CBMN SMART app. Research will begin in June 2025 during the spring, summer, and fall until 2028. This project will allow the CBMN to expand its database to include data from Kinngait and will also serve as a CBMN pilot for quantifying the cost of harvest. The Kinngait harvesters participating in the project will be enrolled into the CBMN and will benefit from gas incentives provided to satellite communities.

### Data Summary

**Table 1.** Harvest effort summary for core and satellite communities (January to April, 2025)

Community*	Active Harvesters	Number of Patrols	Distance Travelled (km)	Total Harvests	Total Observations	Total Number of Records
Arviat	34	205	26,169.93	167	45	193
Baker Lake	4	83	12,954.71	49	12	58
Clyde River	7	61	6,534.03	45	7	48
Igloodik	2	21	2,774.49	10	1	10
Kugaaruk	24	223	31,845.16	117	29	134
Kugluktuk	4	51	7,879.91	69	73	141
Naujaat	53	579	75,820.57	347	38	371
Taloyoak	14	149	19,138.15	90	37	115
Coral Harbour	12	40	5,851.42	29	1	29

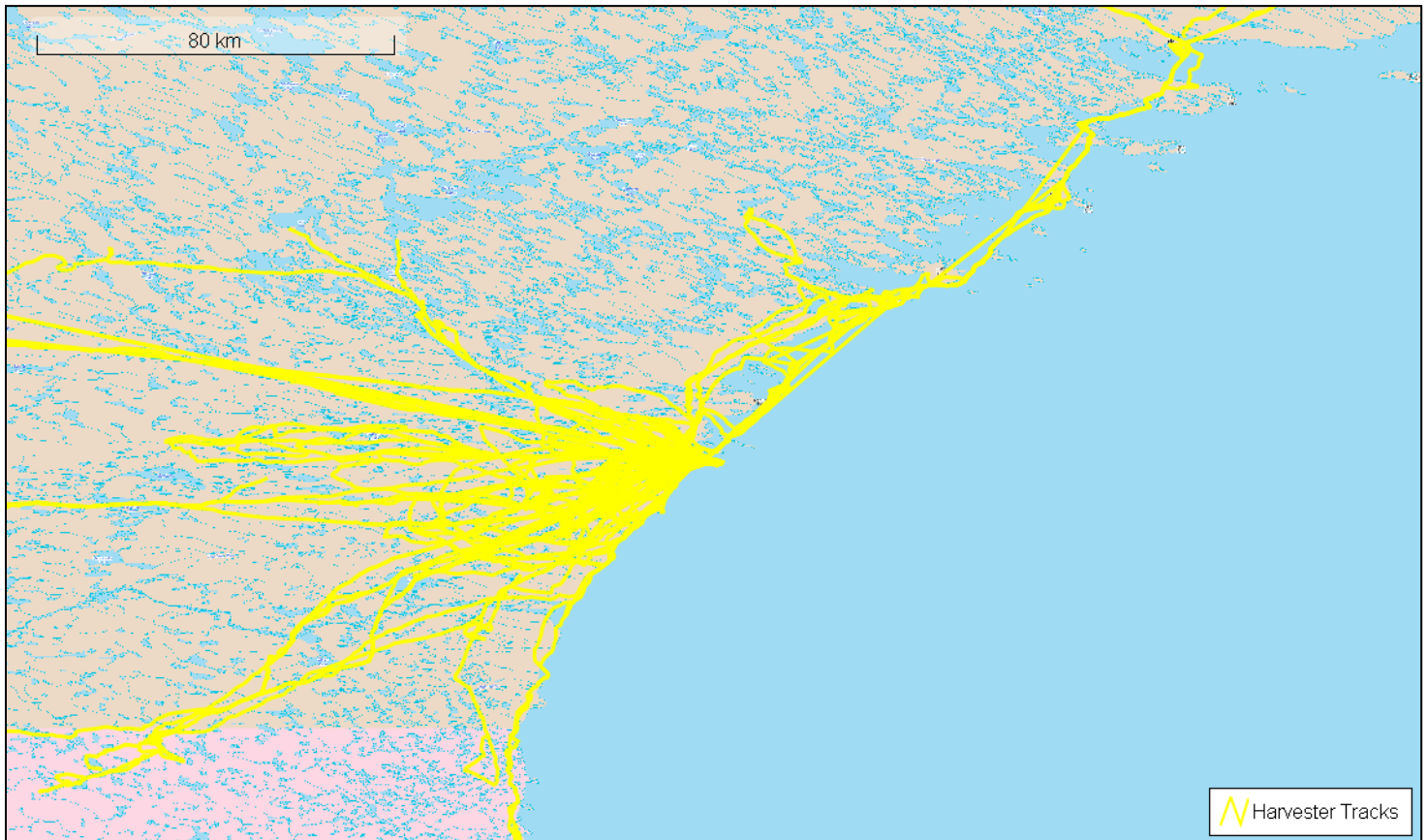
\*Arviat, Igloodik, Sanirajak and Coral Harbour are core communities.

**Table 2.** Incentives summary for core and satellite communities (January to April, 2025)

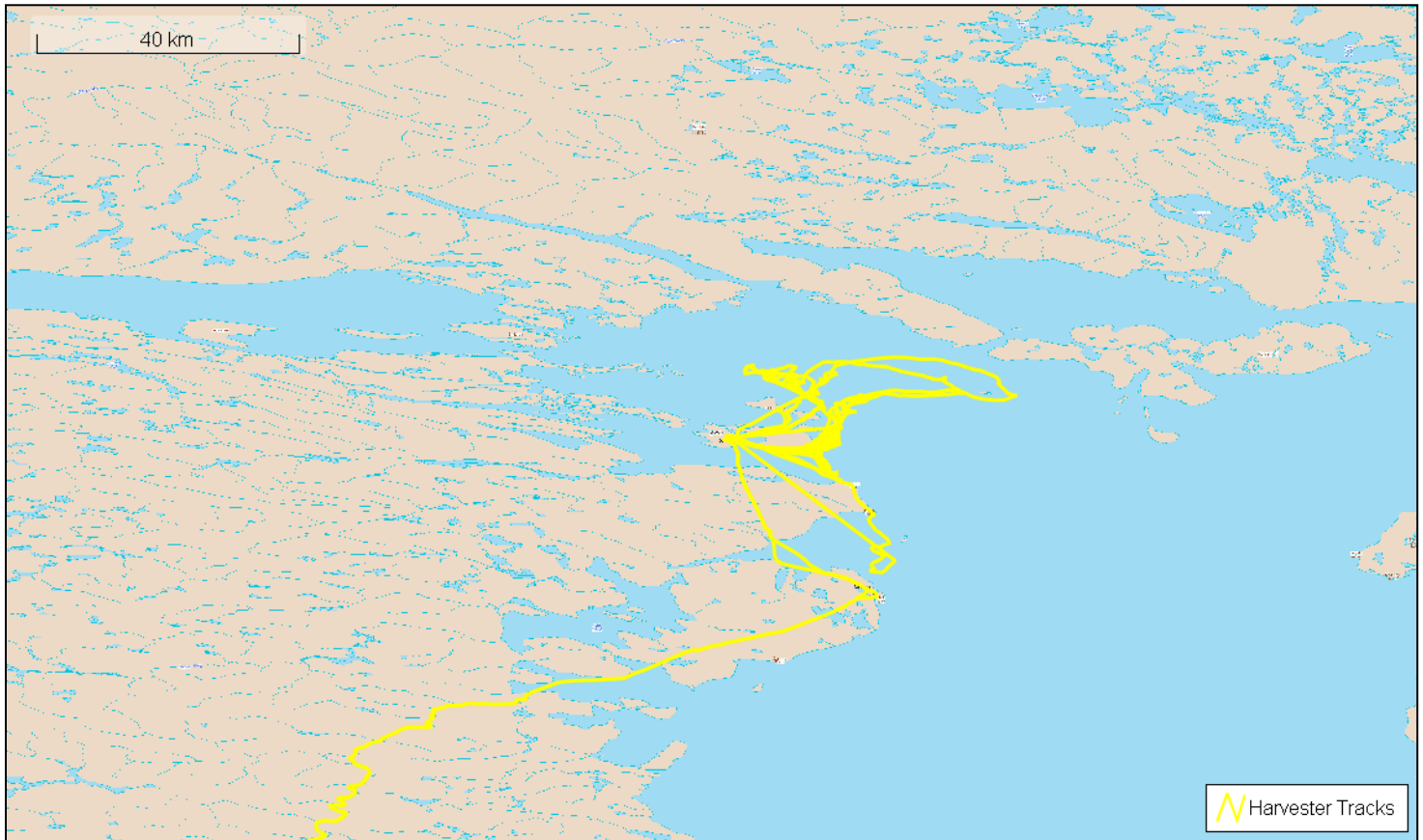
Community*	Gas incentive paid out
Arviat	\$11,550.00
Baker Lake	\$4,900.00
Clyde River	\$2,800.00
Igloodik	\$1,300.00
Kugaaruk	\$11,325.00
Kugluktuk	\$3,250.00
Naujaat	\$25,725.00
Taloyoak	\$7,225.00
Coral Harbour	\$2,800.00
<b>Total</b>	<b>\$70,875.00</b>

\*Arviat, Igloodik, Sanirajak, and Coral Harbour are core communities.

**Figure 1.** Routes travelled by Arviat participants (January to April, 2025)

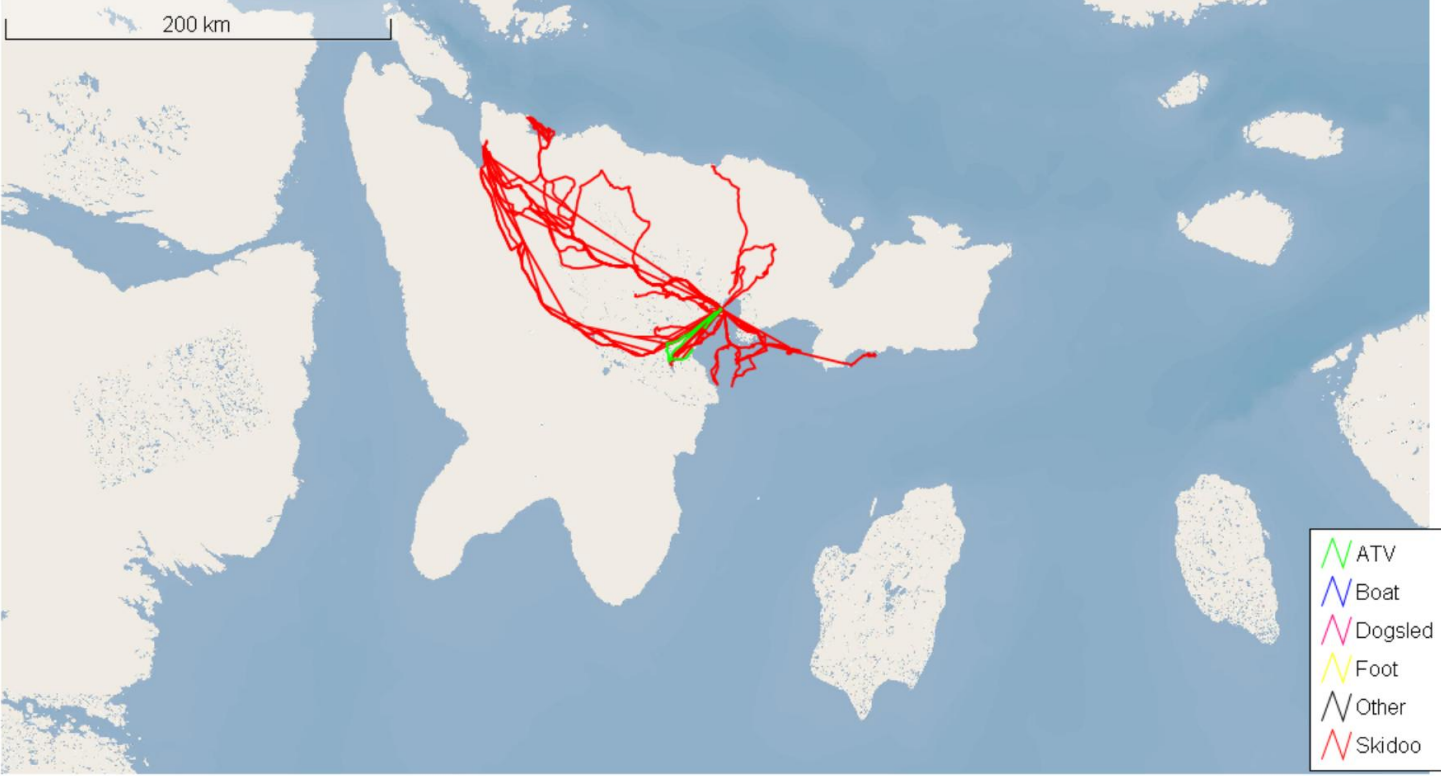


**Figure 2.** Routes travelled by Igloolik participants (January to April, 2025)



Routes travelled by Coral Harbour participants (January to April, 2025)

200 km



- ATV
- Boat
- Dogsled
- Foot
- Other
- Skidoo

# Appendix 1

**Table 3.** Species recorded in core communities (January to April, 2025)

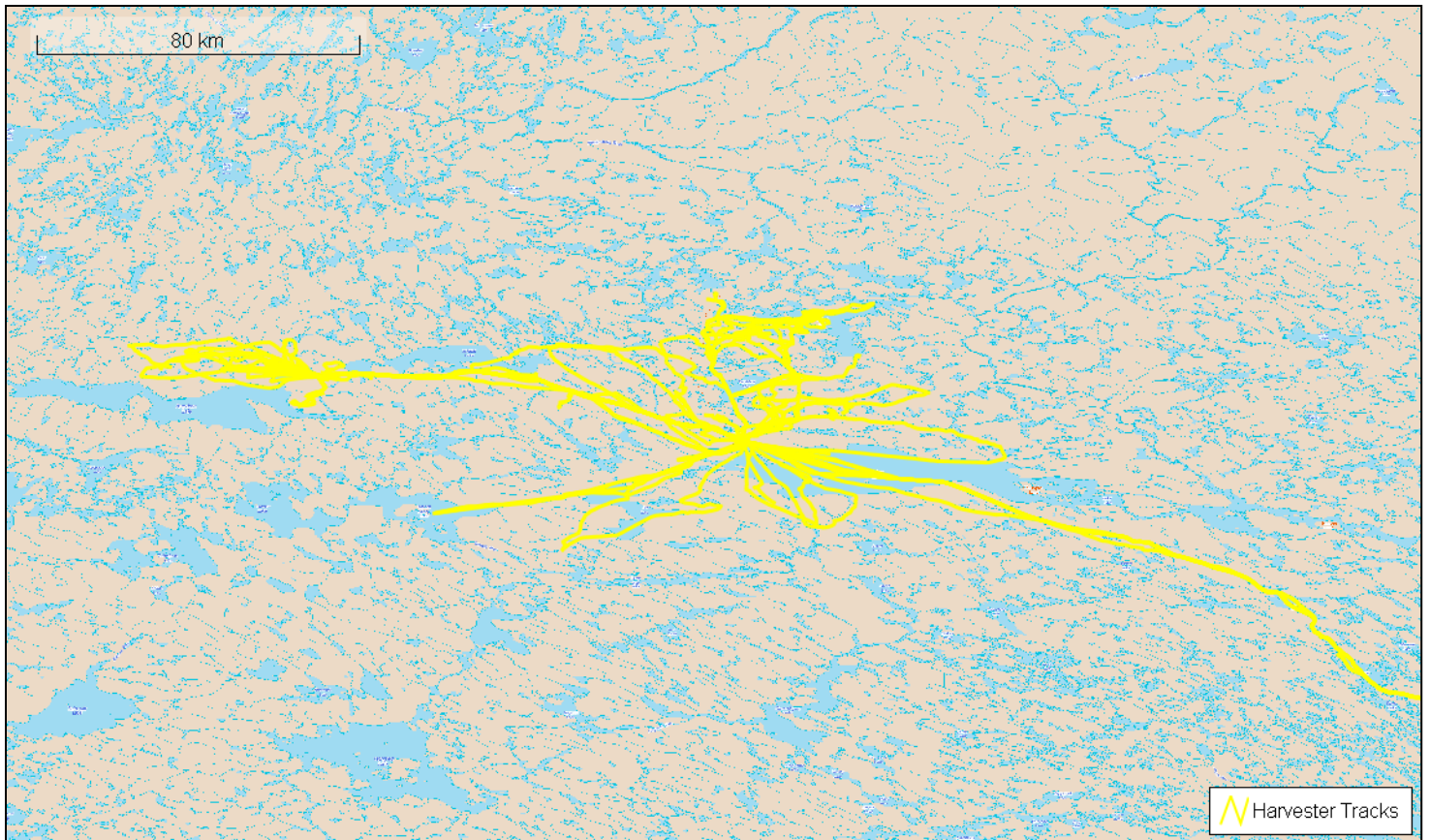
Species	Individuals Harvested			Total Number Harvested	Individuals Observed			Total Number Observed
	Arviat	Igloolik	Coral Harbour		Arviat	Igloolik	Coral Harbour	
Arctic char			5	5				0
Arctic fox	24		1	24	4			8
Arctic hare					2			2
Bearded seal			3	3				0
Canada goose					1			1
Caribou	132		7	144	10163			10280
Grayling	3			3				0
Harp seal								0
Lake trout	4			4				0
Muskox					40			40
Other / unknown goose					1			1
Polar Bear		1		1				1
Ptarmigan			2	2	1			1
Raven					2			2
Red fox								0
Ringed seal		8	4	12				0
Sculpin	1			1				0
Walrus		1		1				0
Wolf	9			9	6			7
Wolverine	6		1	7	1			1

**Table 4.** Summary of species recorded in satellite communities. Quantities represent the number of individuals recorded (harvests + observations).

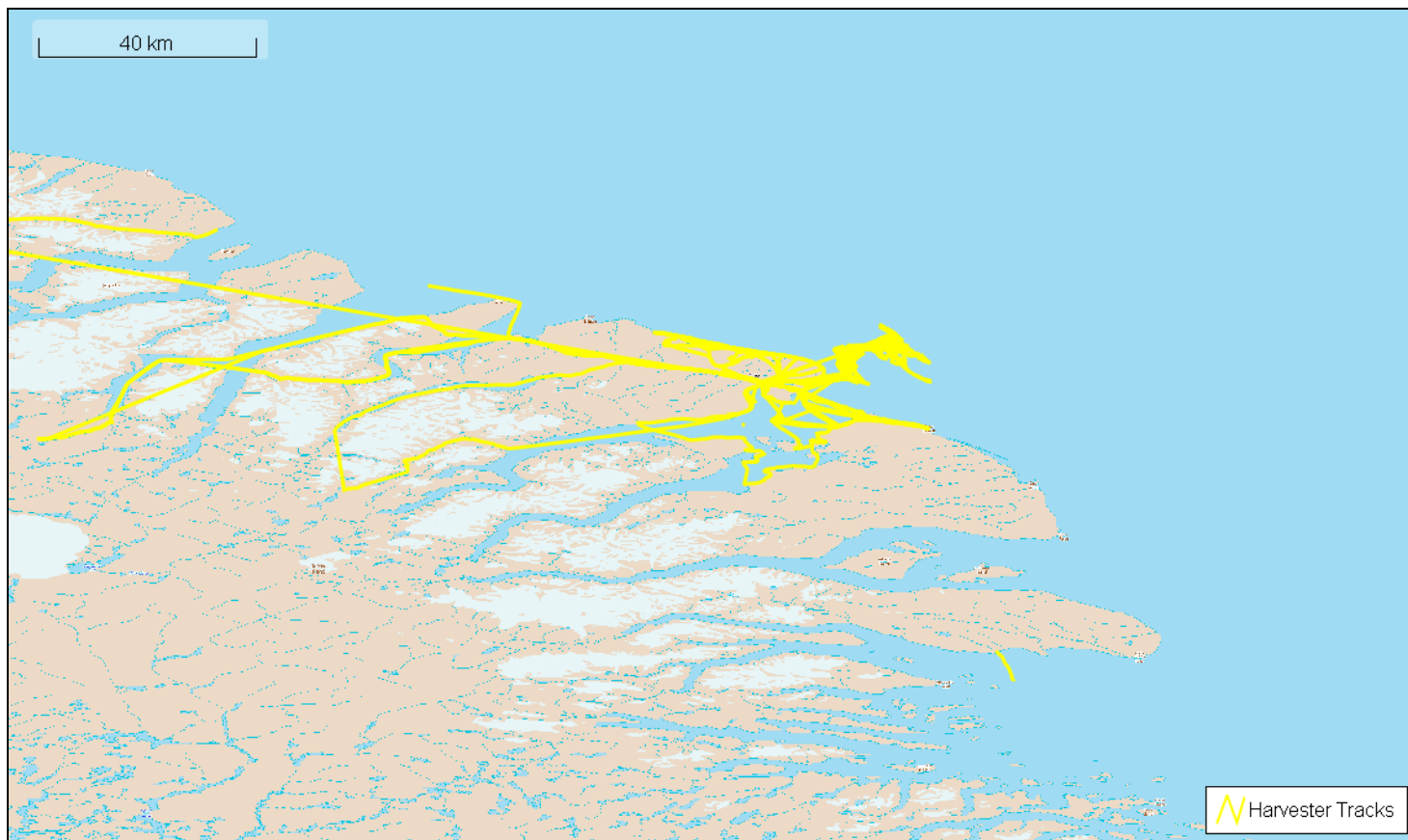
Species	Baker Lake	Clyde River	Kugaaruk	Kugluktuk	Taloyoak	Naujaat	Total Number Recorded
Arctic char		143	604	4	169	94	1014
Arctic fox			1	10	4	9	24
Arctic hare		1		2	2		5
Brown / Grizzly Bear				8			8
Caribou	427		105	207	18	434	1191
Cod		1					1
Cross fox			1	1			2
Falcon				1			1
Golden eagle				3			3
Lake trout	4		1	38	38	2	83
Moose				32			32
Muskox	37		1	302	44		384
Muskrat				1			1

Other fish / unknown species				3			3
Other terrestrial mammal				2			2
Owl	1				1	1	3
Polar Bear		4	6		9	2	21
Ptarmigan		48	3	30	6		87
Raven				1	1		2
Red fox				12		2	14
Ringed seal		21	4	4	35	23	87
Snow bunting				1			1
Unknown Bear			1				1
White fish			4				4
Wolf	23		18	20	8	29	98

**Figure 4.** Routes travelled by Baker Lake participants (January to April, 2025)



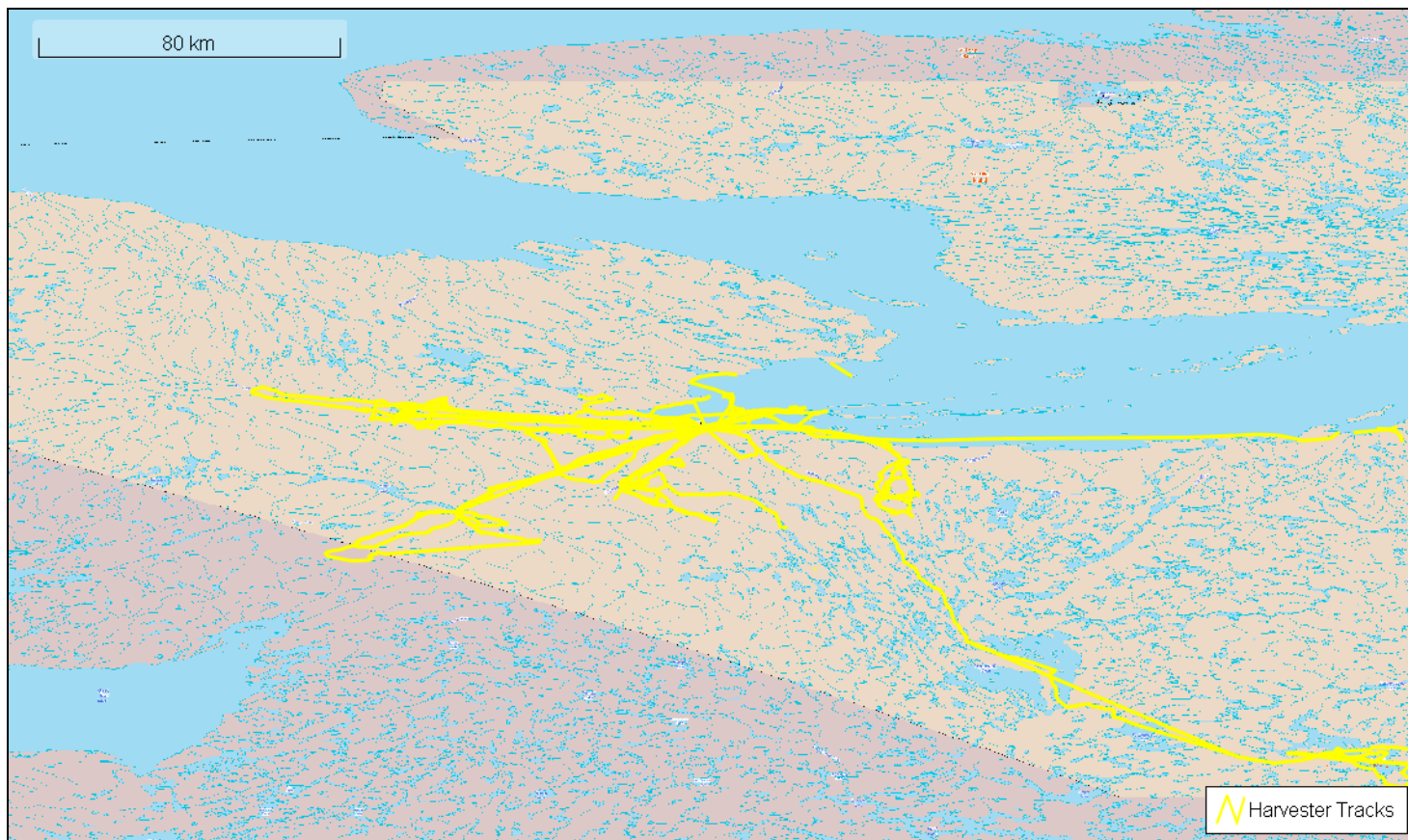
**Figure 5.** Routes travelled by Clyde River participants (January to April, 2025)



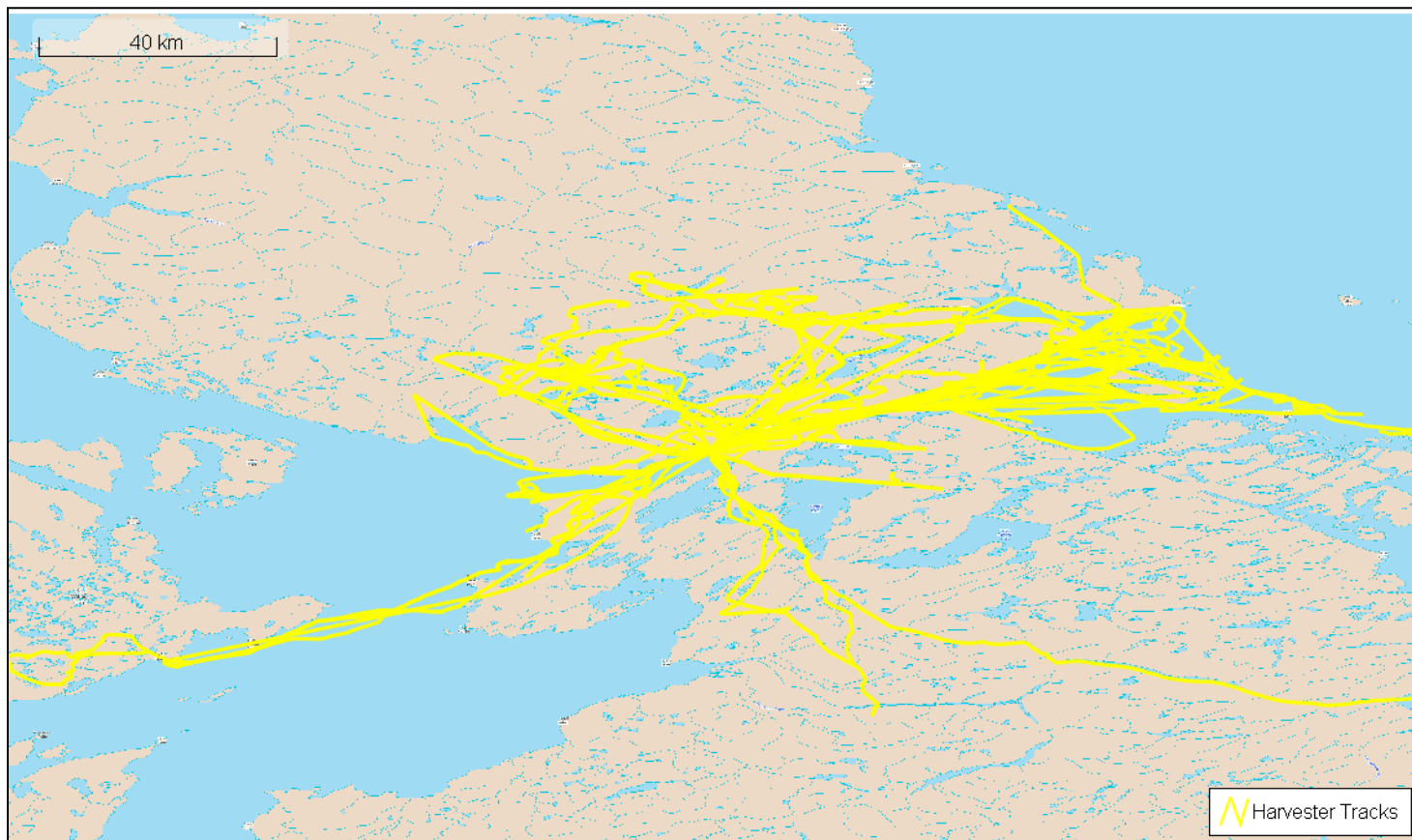
**Figure 6.** Routes travelled by Kugaaruk participants (January to April, 2025)



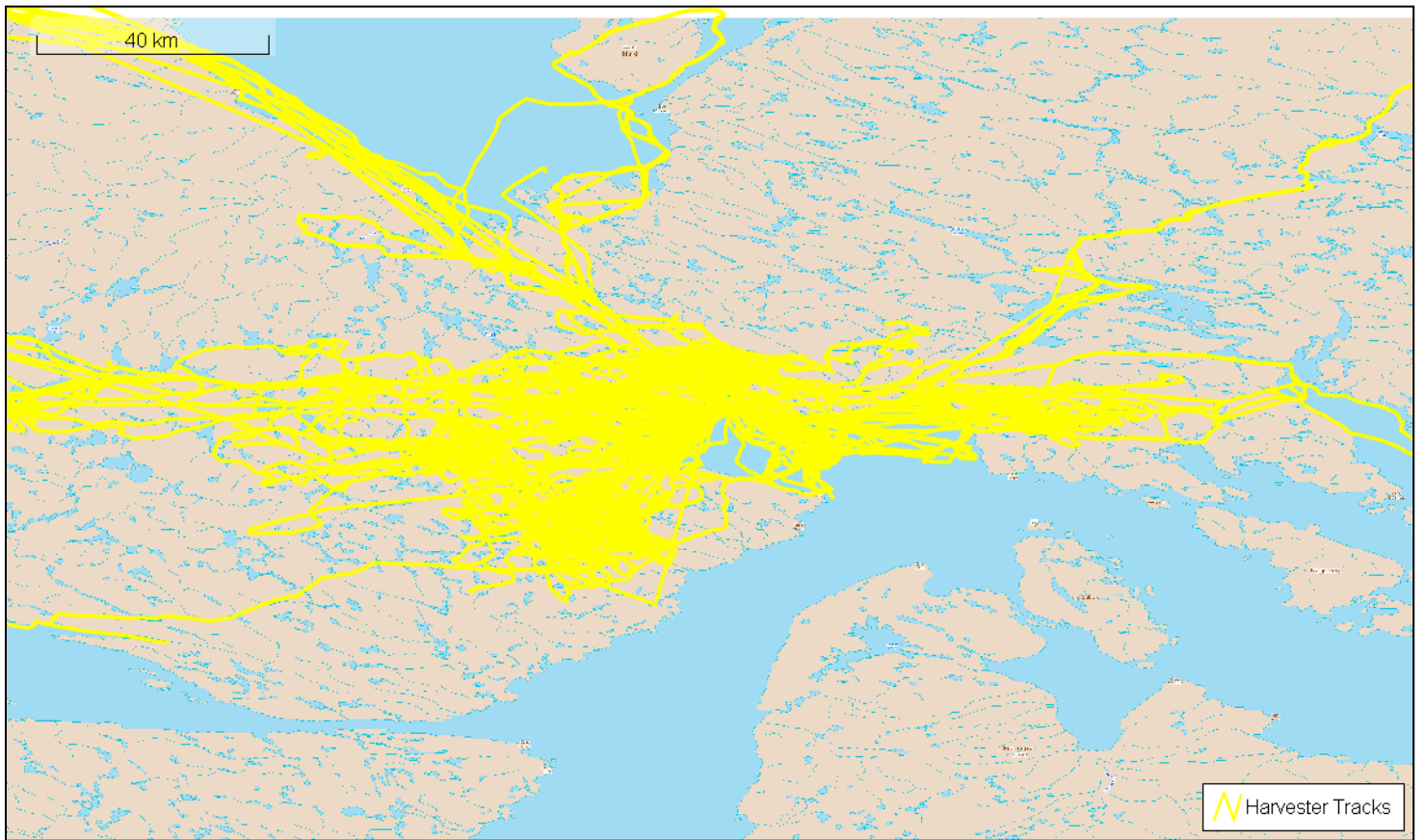
**Figure 7.** Routes travelled by Kugluktuk participants (January to April, 2025)



**Figure 8.** Routes travelled by Taloyoak participants (January to April, 2025)



**Figure 9.** Routes travelled by Naujaat participants (January to April, 2025)



## Appendix 2

### Interpreting the dataset and recognizing its limitations.

1. **Data Accuracy:** While the data entered into the CBMN database has been screened and checked for accuracy to the best of the ability of the NWMB, the NWMB makes no warranties or guarantees as to the accuracy of the data provided to the recipient; this applies to spatial accuracy, species identification, and other qualitative and quantitative attributes.
2. **Data Currency:** The dataset contains only those records entered by participating harvesters as of the date the dataset was provided to the recipient.
3. **Data Limitations:** The dataset is limited to observations that participating harvesters voluntarily collect and upload to the CBMN database. Lack of records on a species, or at a specific location does not mean the species are absent. The dataset should not be relied on as a definitive statement of the presence or absence of a wildlife species at a given location and should not be substituted for comprehensive on-site surveys. Additionally, the number of harvesters participating in the CBMN at any one time does not represent the number of active harvesters in the community, nor is it intended to, given that participation in the CBMN is voluntary. Therefore, the dataset can not be used to estimate community offtake for any specific species or groups of species at any point in time.
4. **Data Purposes:** The dataset is not intended to be used for regulatory, permitting, or commercial purposes. It is intended for informational and educational purposes only, and to assist in natural resource management, land management, conservation planning, and biological and ecological research.
5. **Data Purposes:** The NWMB is legally required to protect the identity of participating harvesters and shall not make available harvester names, and identification numbers associated with the dataset, unless required by law or with the approval of the affected harvester.

No data from the dataset, or products derived from the dataset, may be included in publications or other copyrighted materials without the express permission of the NWMB and the relevant harvesters.