

Appendix B

Spatial Analyses and Mapping to Evaluate the Impact of the Mobile Core Bathurst Caribou Management Zone

To evaluate the potential influence of the Mobile Core Bathurst Caribou Management Zone (Mobile Zone or MZ) on harvest opportunities for Sahtì Ekwò (Bluenose-East barren-ground caribou herd), three complementary spatial analyses were completed. Together, these analyses examined:

- 1) How many collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) were located within the Mobile Zone during each management period;
- 2) How the overall distribution of the herd compared with the location of the Mobile Zone; and
- 3) Distance from the communities of Gamètì and Wekweètì to the nearest Sahtì Ekwò (Bluenose-East barren-ground caribou herd) that were available for harvest (i.e., located outside the Mobile Zone).

All analyses were based on available satellite telemetry data collected from collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during the fall and winter seasons (August 1 to March 31) for 2024–2025 and 2025–2026. Official Mobile Zone boundaries were obtained for the same period.

The Mobile Zone is updated weekly throughout the fall and winter. Each weekly zone is developed using the recorded locations of collared Kòk'èetì Ekwò (Bathurst barren-ground caribou herd). A boundary is first drawn around the Kòk'èetì Ekwò (Bathurst barren-ground caribou herd) locations for that day, and the resulting area is then expanded by a buffer distance determined through expert opinion. Throughout this report, each weekly management area is referred to as an MZ period.

To compare the locations of Sahtì Ekwò (Bluenose-East barren-ground caribou herd) with the Mobile Zone, every telemetry location was assigned to its corresponding MZ period based on the date it was collected. This ensured that caribou locations were compared with the Mobile Zone that was in effect at the time the animals were recorded.

To illustrate the weekly distribution of the herd, a simple boundary encompassing all recorded Sahtì Ekwò (Bluenose-East barren-ground caribou herd) telemetry locations during each MZ period was created using a Minimum Convex Polygon (MCP). An MCP is the smallest possible polygon that contains all recorded animal locations during a specified period and provides a straightforward representation of the overall area occupied by the collared animals. For example, for the MZ period of March 3–9, 2025, an MCP was created using all Sahtì Ekwò (Bluenose-East barren-ground caribou herd) telemetry locations recorded between those dates.

Maps were then produced showing the Mobile Zone alongside the corresponding Sahtì Ekwò (Bluenose-East barren-ground caribou herd) MCP for each MZ period. These maps provide an easy-to-understand visual comparison of the herd's distribution relative to the harvest exclusion area and help illustrate the degree of overlap between the two.

To quantify potential harvest accessibility, straight-line distances were calculated from the communities of Gamètì and Wekweètì to collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during each MZ

period. Two distance measures were reported. The first was the distance to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd), regardless of whether it was located inside or outside the Mobile Zone. The second was the distance to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) located outside the Mobile Zone, representing the nearest collared animal that would have been available for harvest under the management measures in place. These measurements provide a consistent way to evaluate how the Mobile Zone may have influenced access to harvest opportunities over time.

Results

The spatial analyses showed a clear seasonal pattern in the relationship between the Mobile Zone and the distribution of Sahtì Ekwò (Bluenose-East barren-ground caribou herd).

Across the two fall and winter monitoring seasons (2024–2025 and 2025–2026), 65 weekly MZ periods were evaluated. During 45 of these periods (approximately 69%), more than half of all collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) locations occurred within the corresponding Mobile Zone. During several weeks in November, January, February, and March, over 90% of collared caribou locations were located within the Mobile Zone, indicating that much of the monitored herd occupied areas where harvest restrictions were in place.

In contrast, weeks in which fewer than 50% of collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) occurred within the Mobile Zone were concentrated during the early fall months of August, September, and October. This indicates that the overlap between the herd and the conservation zones was substantially lower during this period.

The mapped distributions help explain these seasonal differences. During the fall, there was very little overlap between the weekly distribution of Sahtì Ekwò (Bluenose-East barren-ground caribou herd) and the corresponding Mobile Zone (Figure 1-B). At this time of year, most Sahtì Ekwò (Bluenose-East barren-ground caribou herd) were located east of Great Bear Lake, while Kòk'èetì Ekwò (Bathurst barren-ground caribou herd), which are used to define the Mobile Zone, were distributed farther south near Contwoyto Lake. Because the two herds occupied different areas, the Mobile Zone had relatively little overlap with the distribution of Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during the fall.

The situation changed considerably during the winter months. The weekly distributions of the two herds increasingly overlapped, resulting in substantial overlap between the Sahtì Ekwò (Bluenose-East barren-ground caribou herd) distribution and the Mobile Zone (Figure 2-B). During this period, both herds occurred in areas adjacent to Gamètì and Wekweètì, increasing the likelihood that Sahtì Ekwò (Bluenose-East barren-ground caribou herd) would also occur within the harvest exclusion zones.

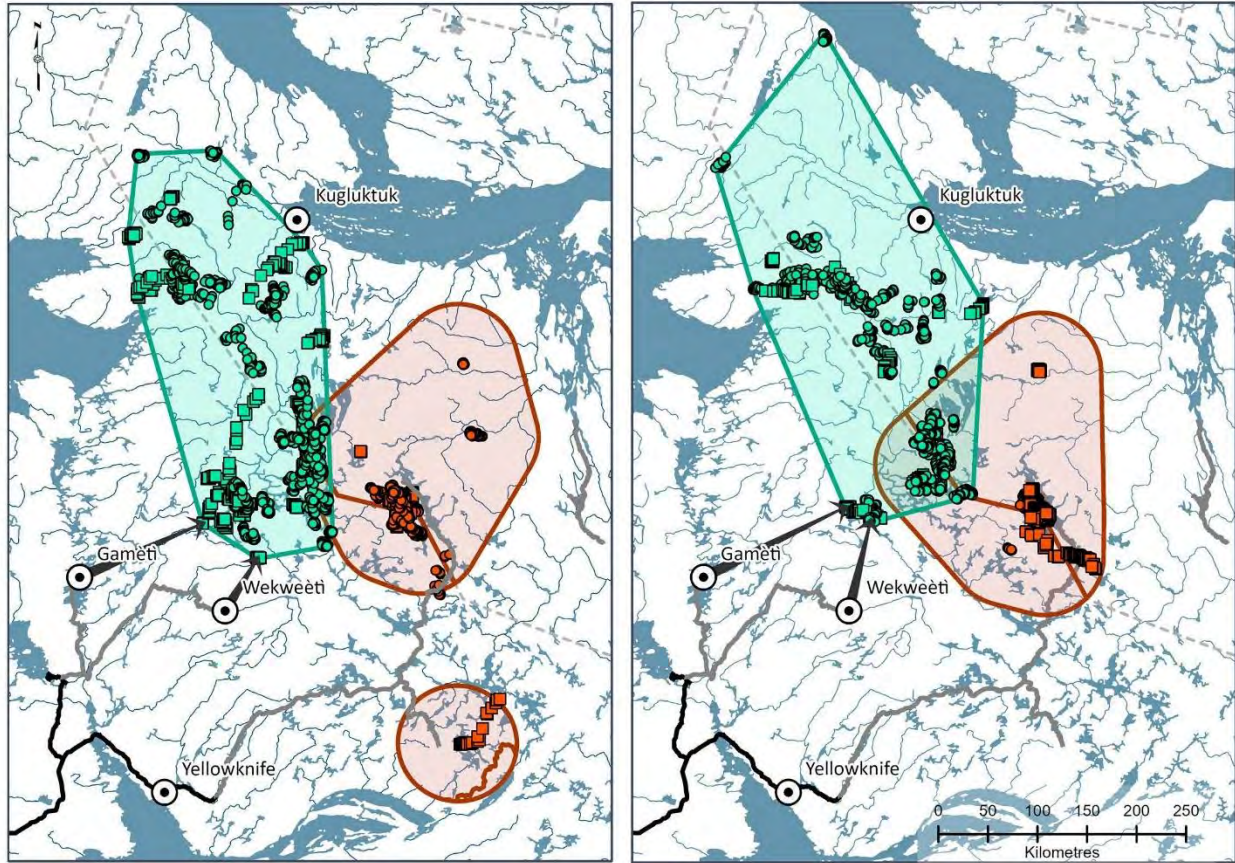


Figure 1-B. Weekly maps illustrate overlap of the Mobile Bathurst Core Caribou Management Zone (MZ) with locations of Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during the fall harvest season. The MZ is outlined in red, with locations of collared Kòk'èetì Ekwò (Bathurst barren-ground caribou herd) during the same week shown in red (circles are females, squares are males). The locations of collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) are shown in blue (circles are females, squares are males) during the same week with a maximum convex polygon drawn around the Sahtì Ekwò (Bluenose-East barren-ground caribou herd) locations in blue. The black arrows indicate the closest collar location available for harvest. The map on the left shows the MZ period September 17 to September 24, 2024; and the map on the right shows the MZ period September 16 to September 23, 2025.

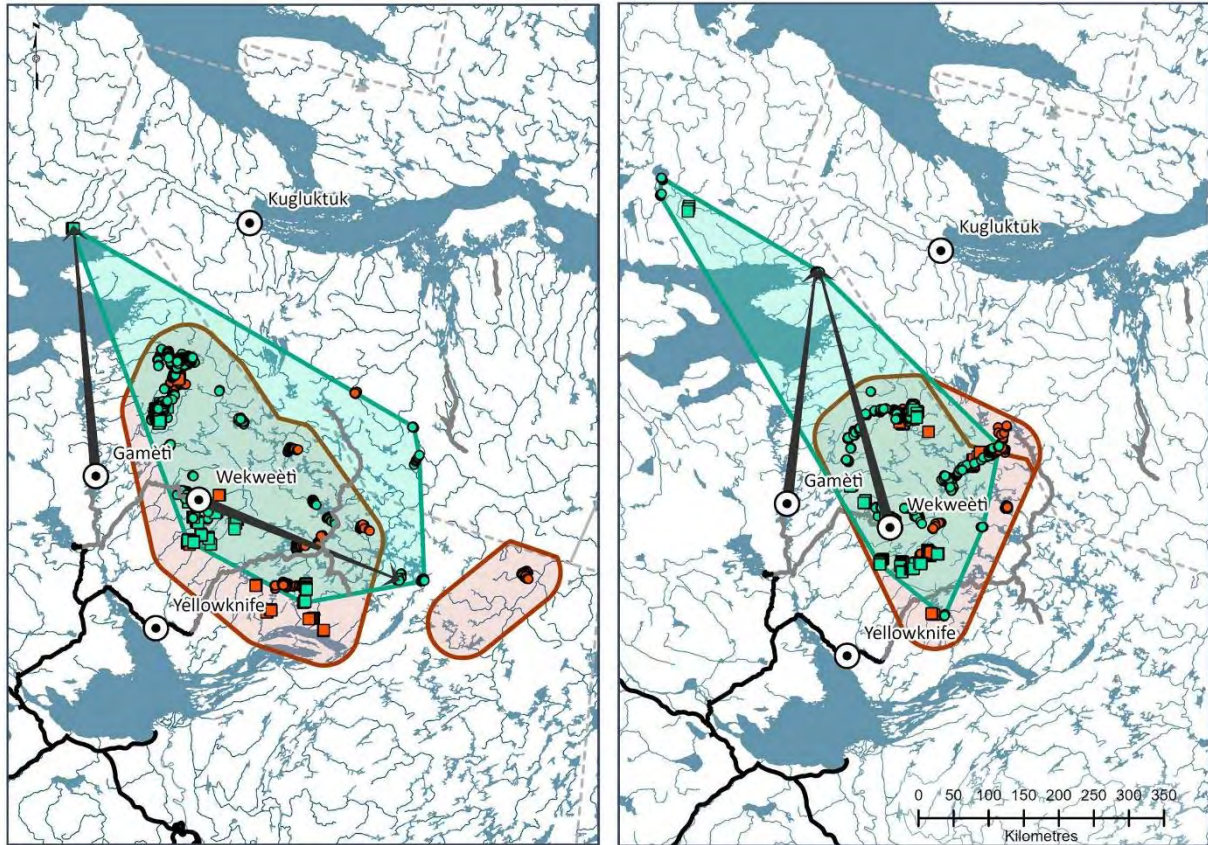


Figure 2-B. Weekly maps illustrate winter season overlap of the Mobile Bathurst Core Caribou Management Zone (MZ) with locations of Sahtì Ekwò (Bluenose-East barren-ground caribou herd). The MZ is outlined in red, with locations of collared Kòk'èetì Ekwò (Bathurst barren-ground caribou herd) shown in red (circles are females, squares are males). The locations of collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) are shown in blue (circles are females, squares are males) during the same week with a maximum convex polygon drawn around the Sahtì Ekwò (Bluenose-East barren-ground caribou herd) in blue. The black arrows indicate the closest collar location available for harvest. The map on the left shows the MZ period March 19 to March 26, 2024; and the map on the right shows the MZ period March 18 to March 25, 2025.

This seasonal pattern was also reflected in the analysis of travel distances from Gamètì and Wekweètì (Figure 3-B, Figure 4-B). During the fall, the distance to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) was nearly identical to the distance to the nearest caribou available for harvest outside the Mobile Zone. This suggests that the conservation zones had little effect on local harvest opportunities because most nearby caribou were already located outside the exclusion area.

During the winter, however, a different pattern emerged. Although Sahtì Ekwò (Bluenose-East barren-ground caribou herd) remained relatively close to both communities, the nearest caribou available for harvest were often much farther away because many nearby animals occurred within the Mobile Zone. This difference indicates that, while caribou were present near the communities, the overlap between the two herds and the resulting Mobile Zone could substantially reduce access to harvestable Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during the winter months.

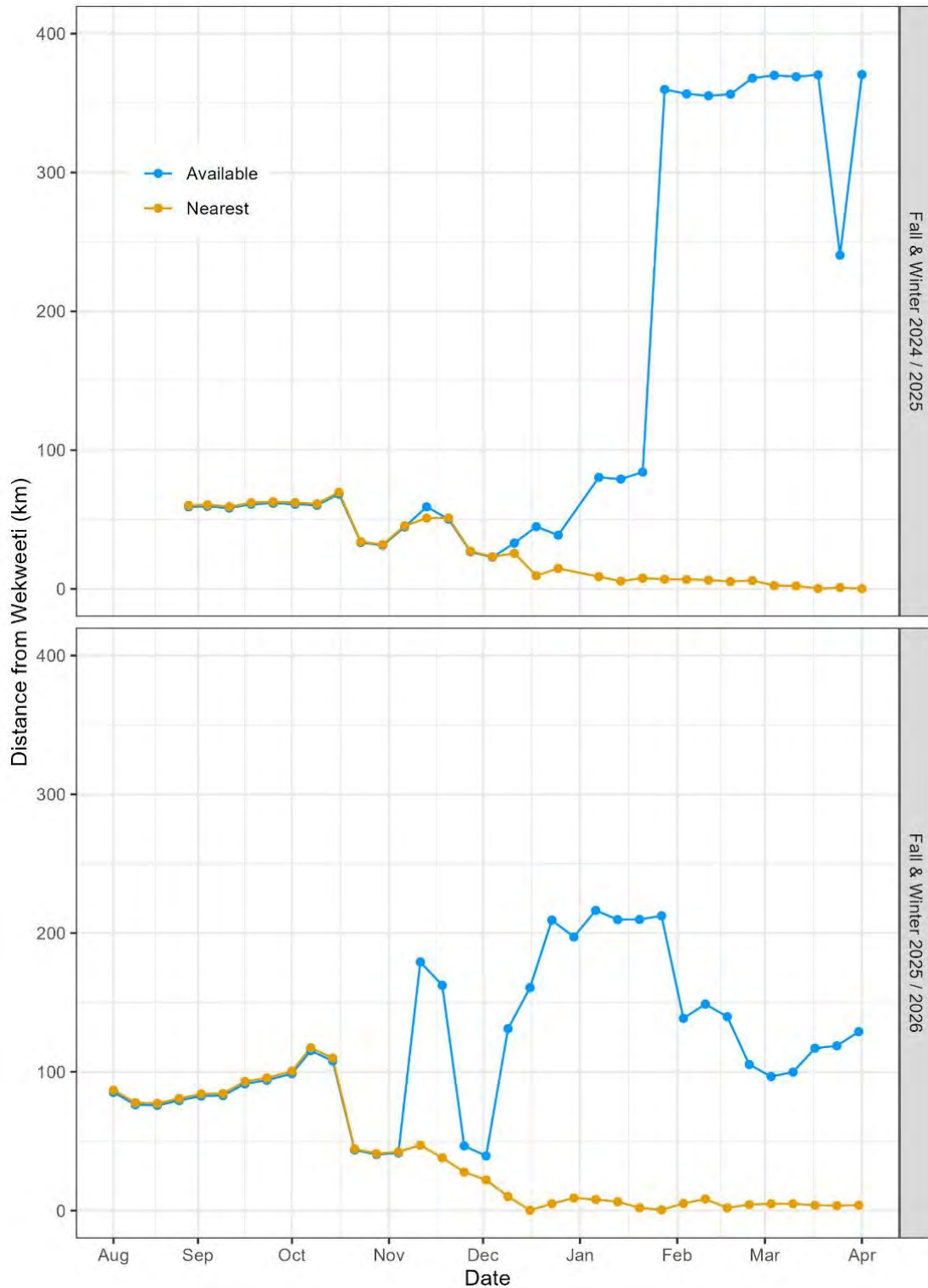


Figure 3-B. Distance from Wekweètì to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during each weekly period from late August to April (orange dots) compared to the distance from Wekweètì to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) that was outside the Mobile Bathurst Core Caribou Management Zone during the same week and thus available to legally harvest (blue dots).

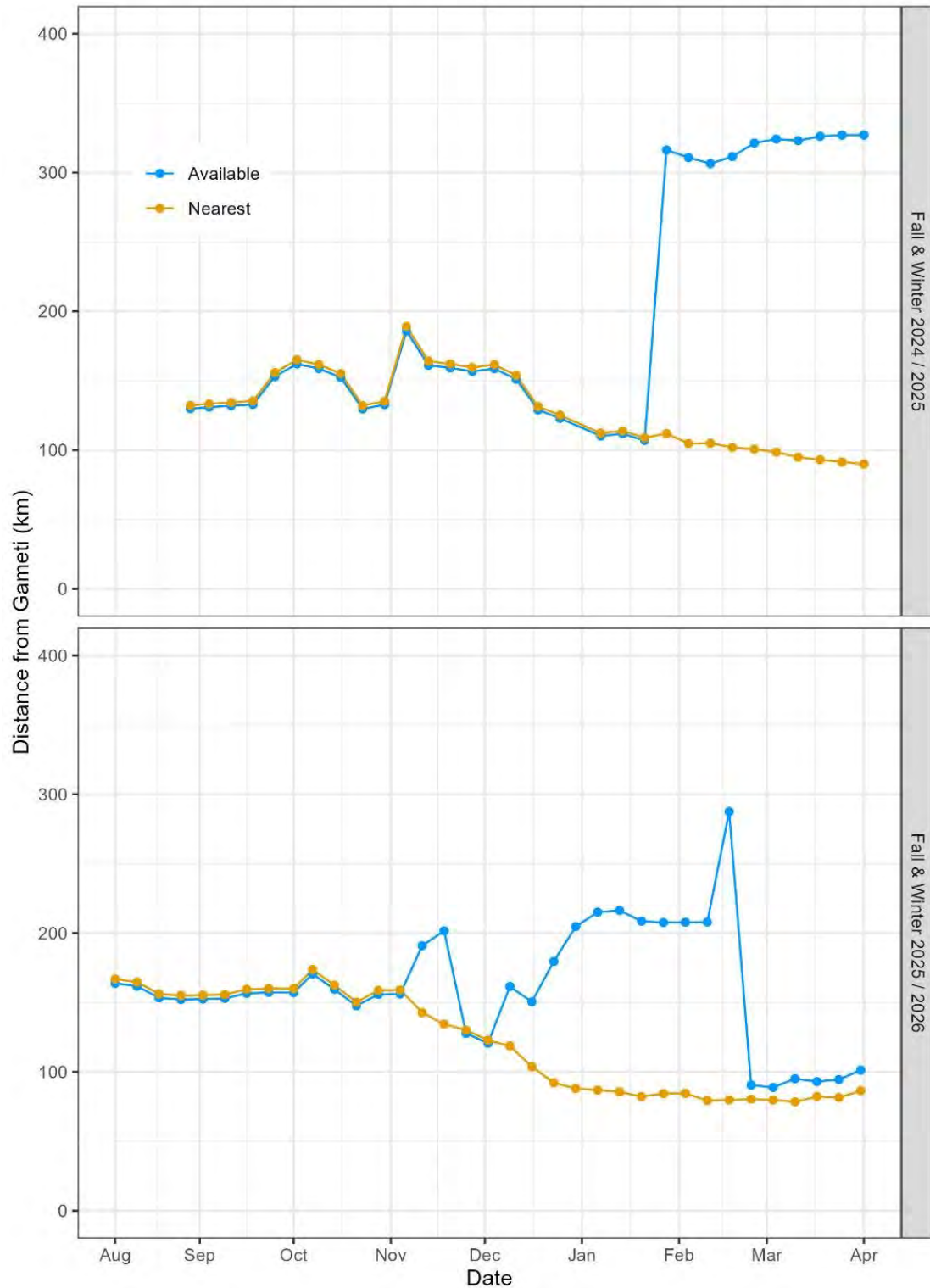
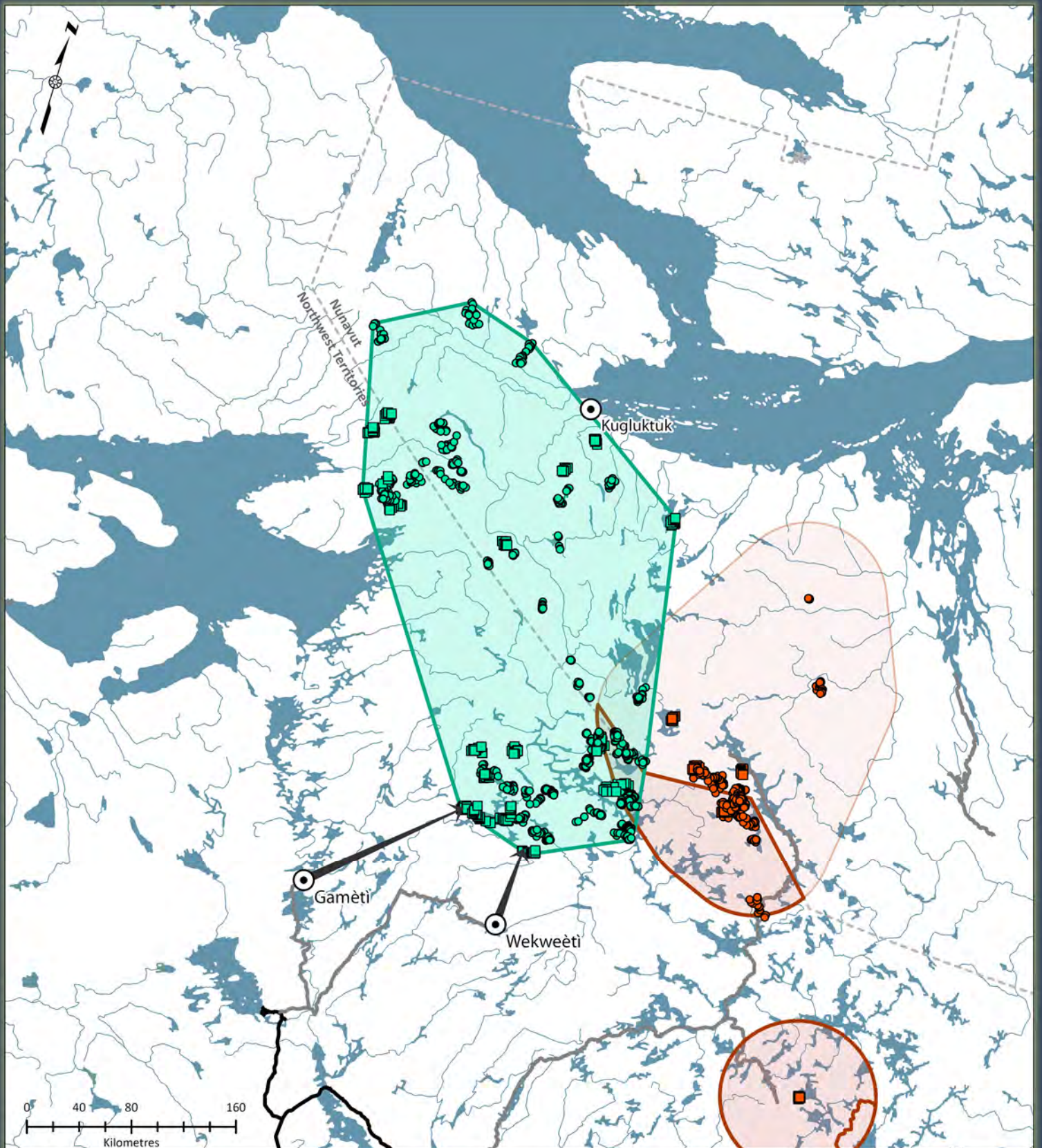


Figure 4-B. Distance from Gamètì to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) during each weekly period from late August to April (orange dots) compared to the distance from Wekwèètì to the nearest collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) that was outside the Mobile Bathurst Core Caribou Management Zone during the same week and thus available to legally harvest (blue dots).

The following map series illustrates the relationship between collared Sahtì Ekwò (Bluenose-East barren-ground caribou herd) and the weekly Mobile Zone. It provides a visual reference showing how this relationship changes throughout the fall and winter seasons. The map series consists of a map for each MZ period for the fall and winter seasons of 2024–2025 and 2025–2026. In all the maps the Sahtì Ekwò (Bluenose-East barren-ground caribou herd) collar locations and corresponding MCP are shown in green while the Kòk'èetì Ekwò (Bathurst barren-ground caribou herd) collar locations and the corresponding MZ are shown in red. For both herds, males are represented as square locations and females as circles. The locations are symbolized according to sex to show how the spatial distribution between cows and bulls can vary with season. Also shown in the maps for reference are the locations of the all-weather roads around Yellowknife and the winter roads to Gamètì, Wekweètì, and Tibbitt to Contwoyto.

For every MZ period the closest caribou location available for harvest from the two settlements is indicated with a black arrow.



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

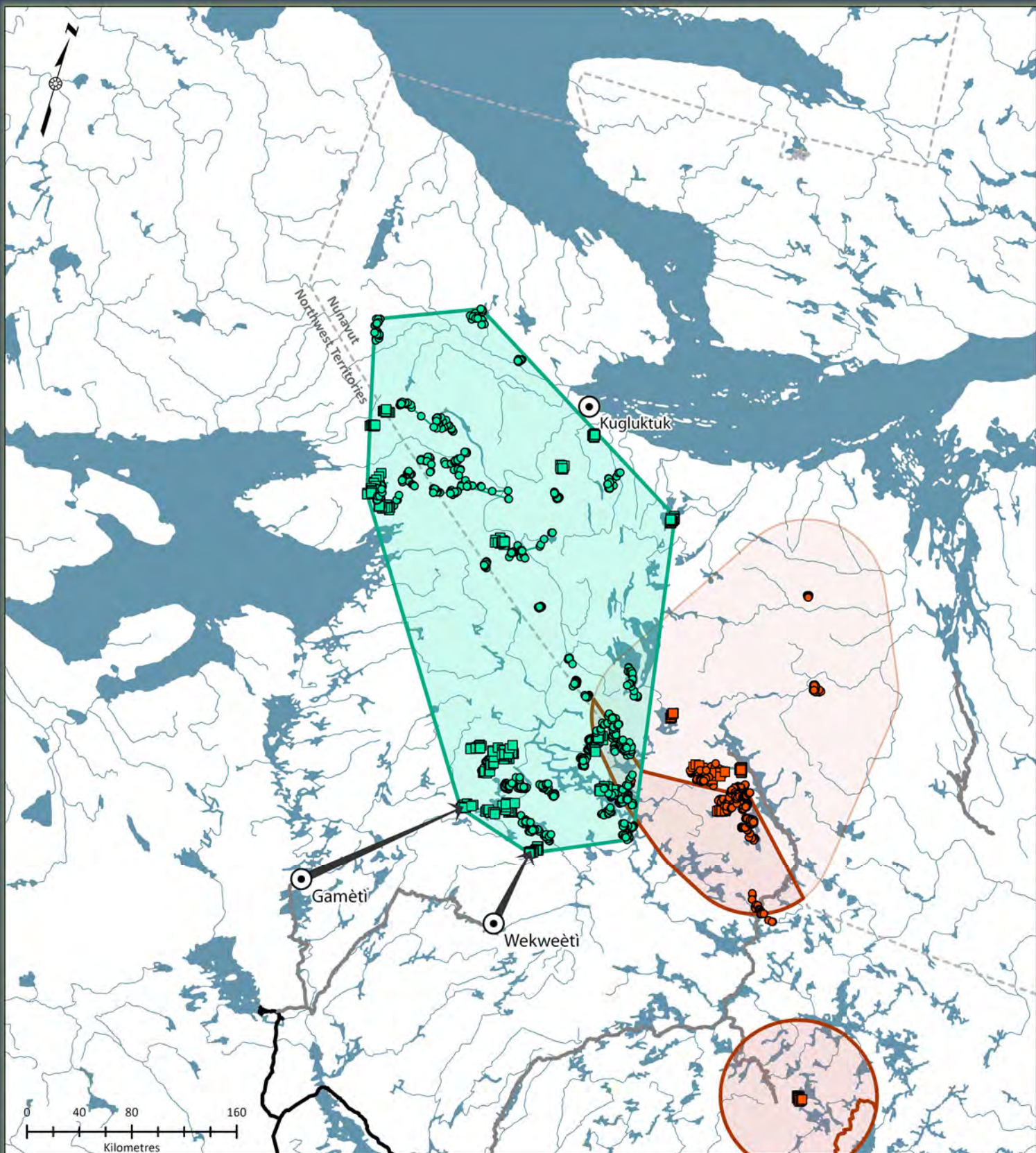
MCBCMZ Date: 2024-08-28

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

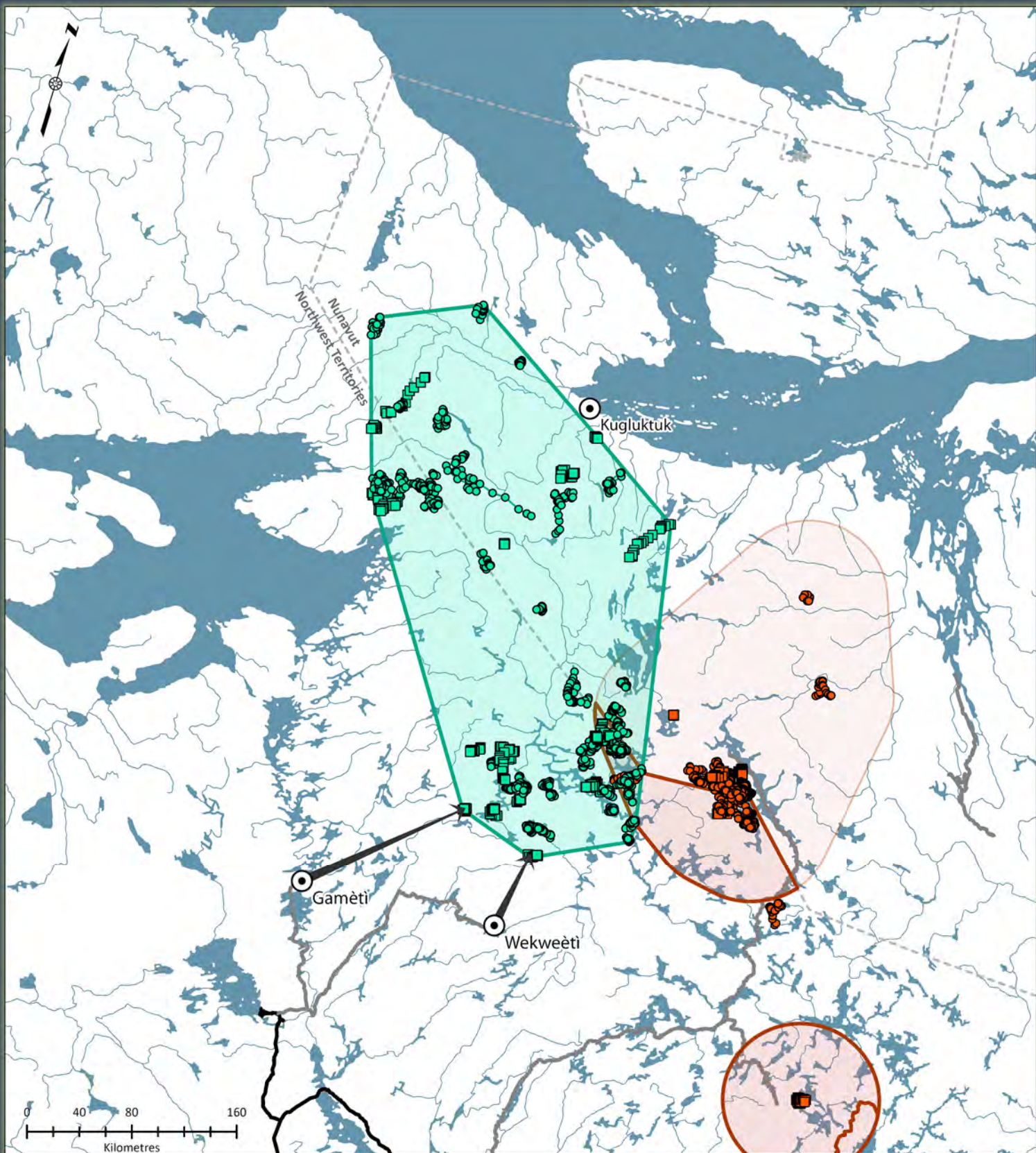
MCBCMZ Date: 2024-09-03

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

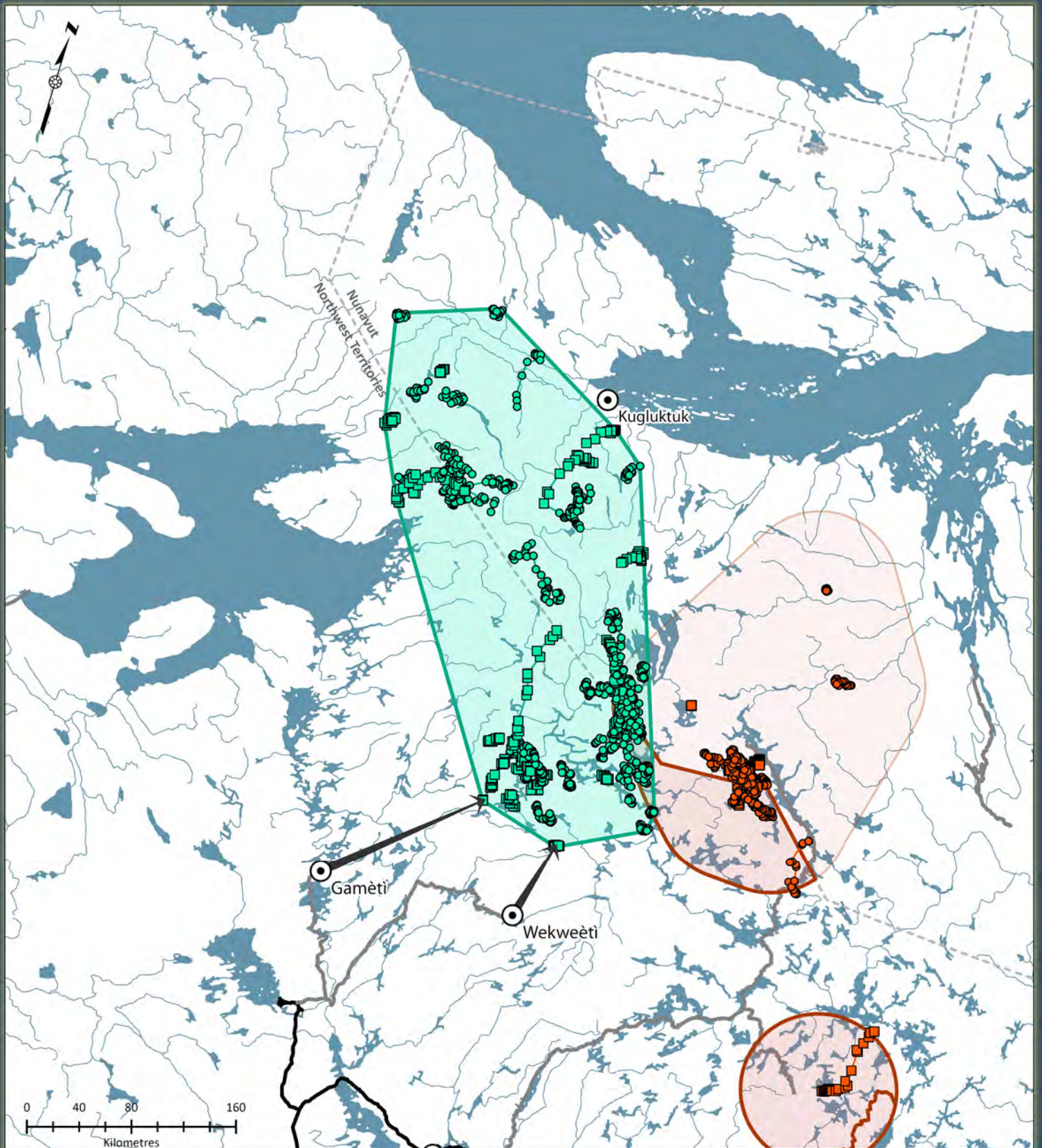
MCBCMZ Date: 2024-09-10

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

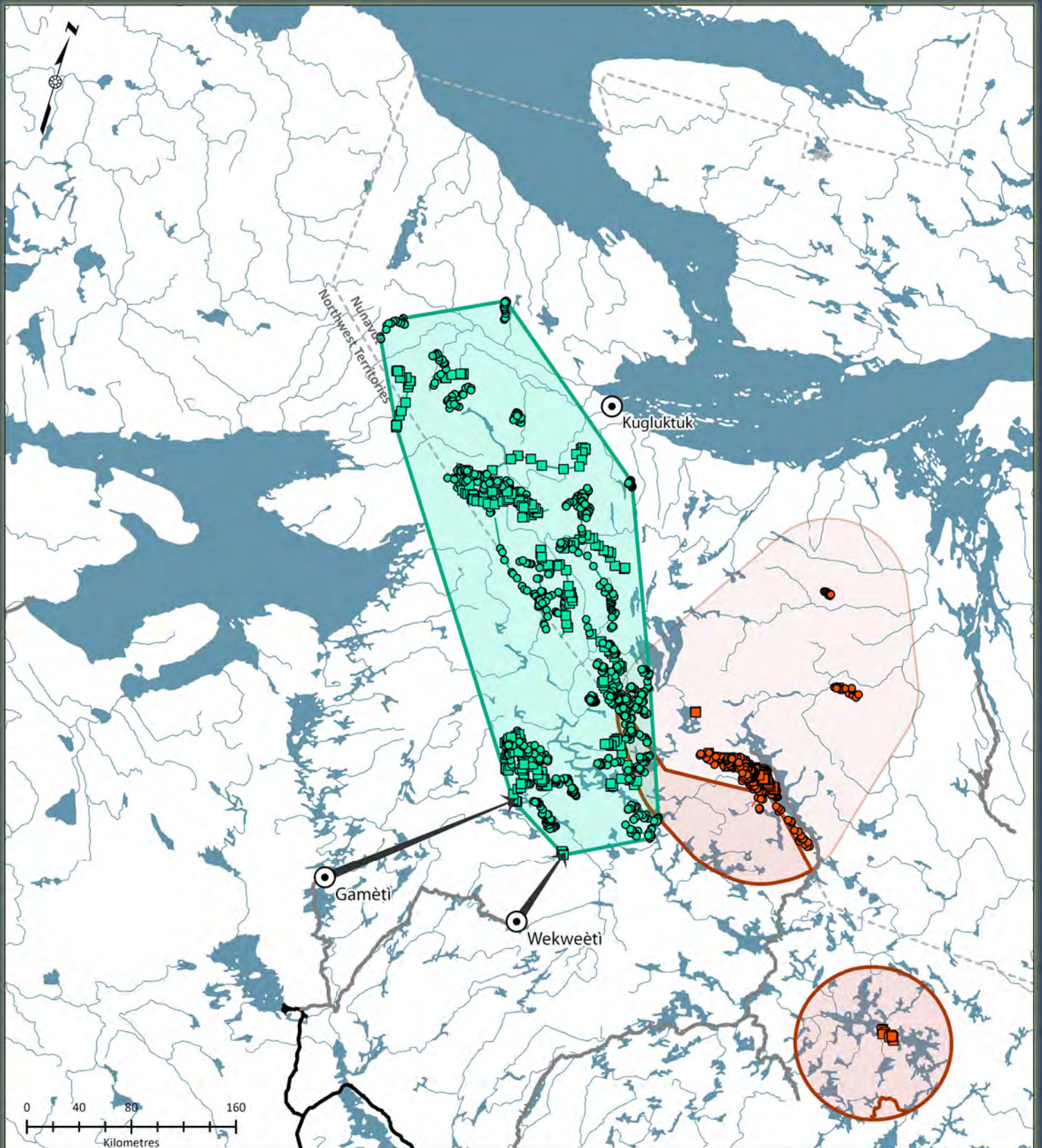
MCBCMZ Date: 2024-09-17

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

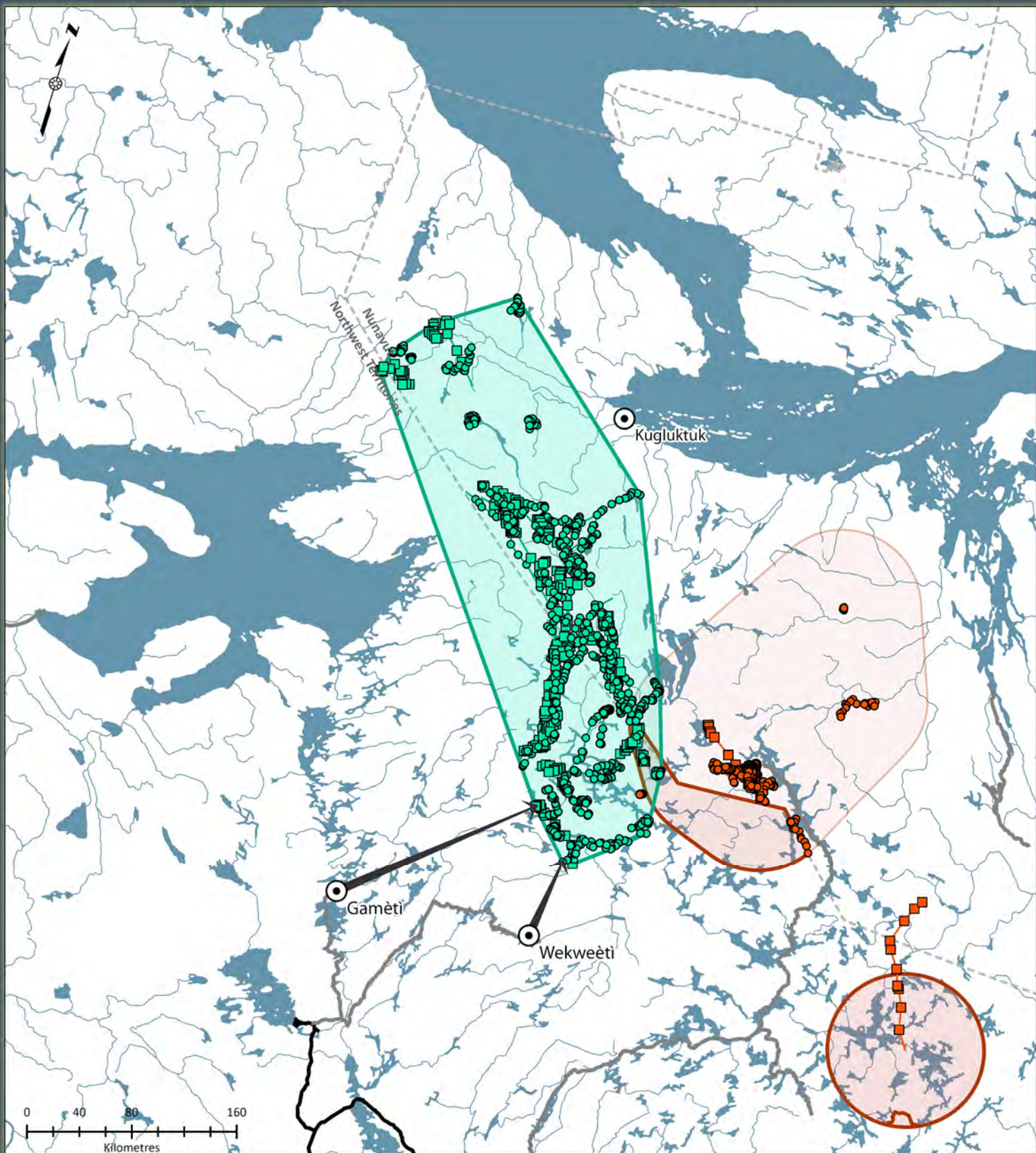
MCBCMZ Date: 2024-09-24

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

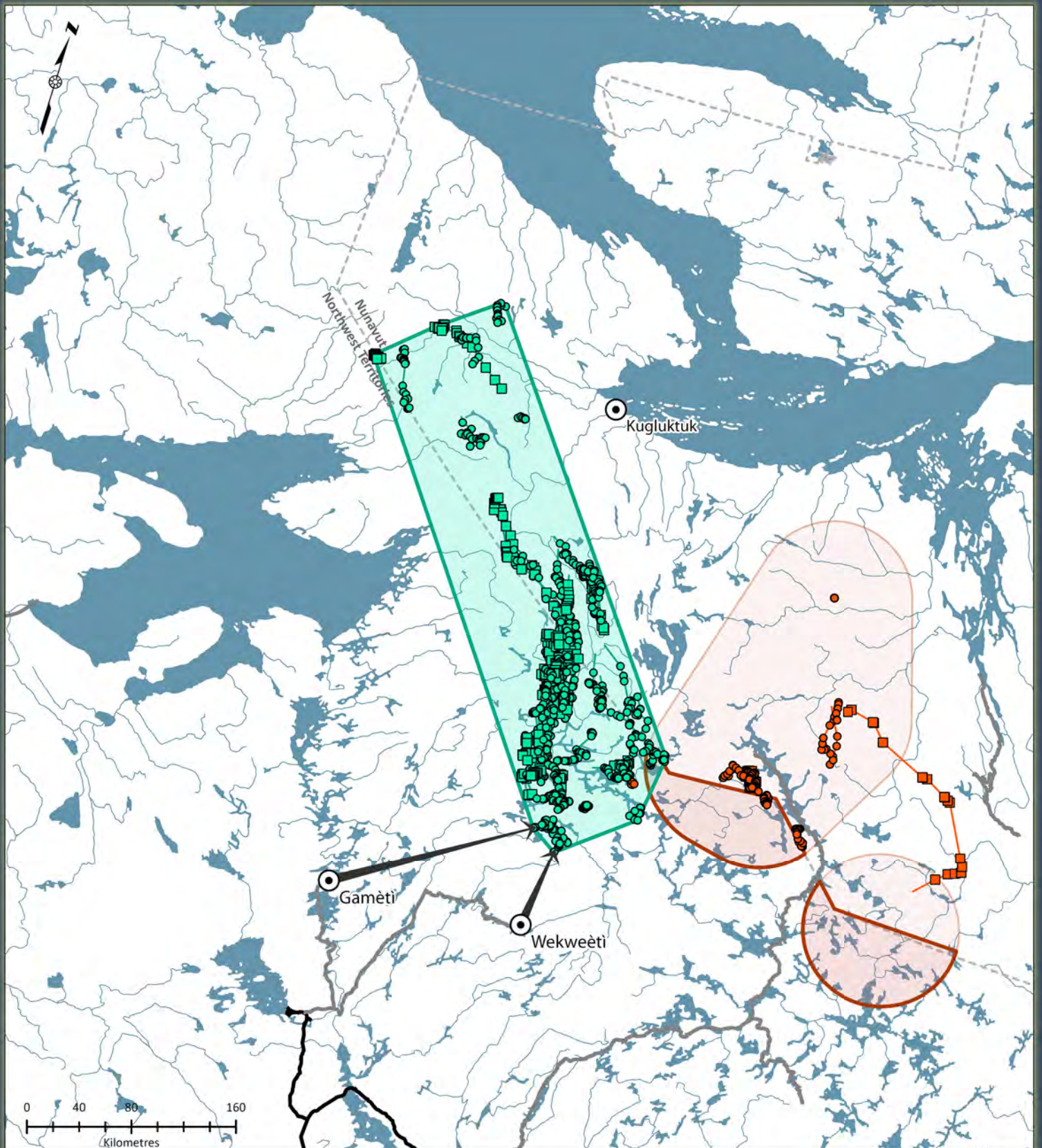
MCBCMZ Date: 2024-10-01

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

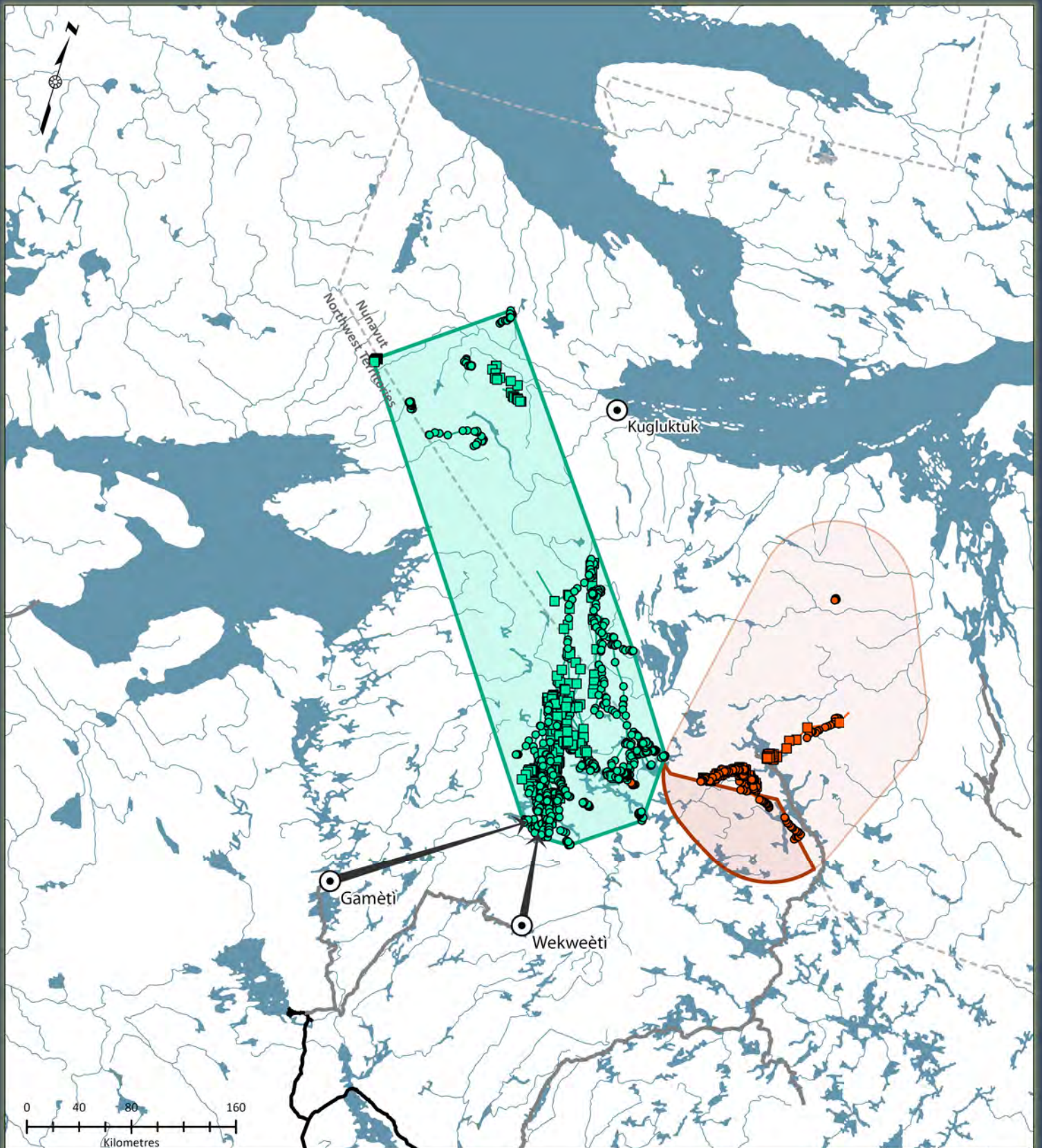
MCBCMZ Date: 2024-10-08

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

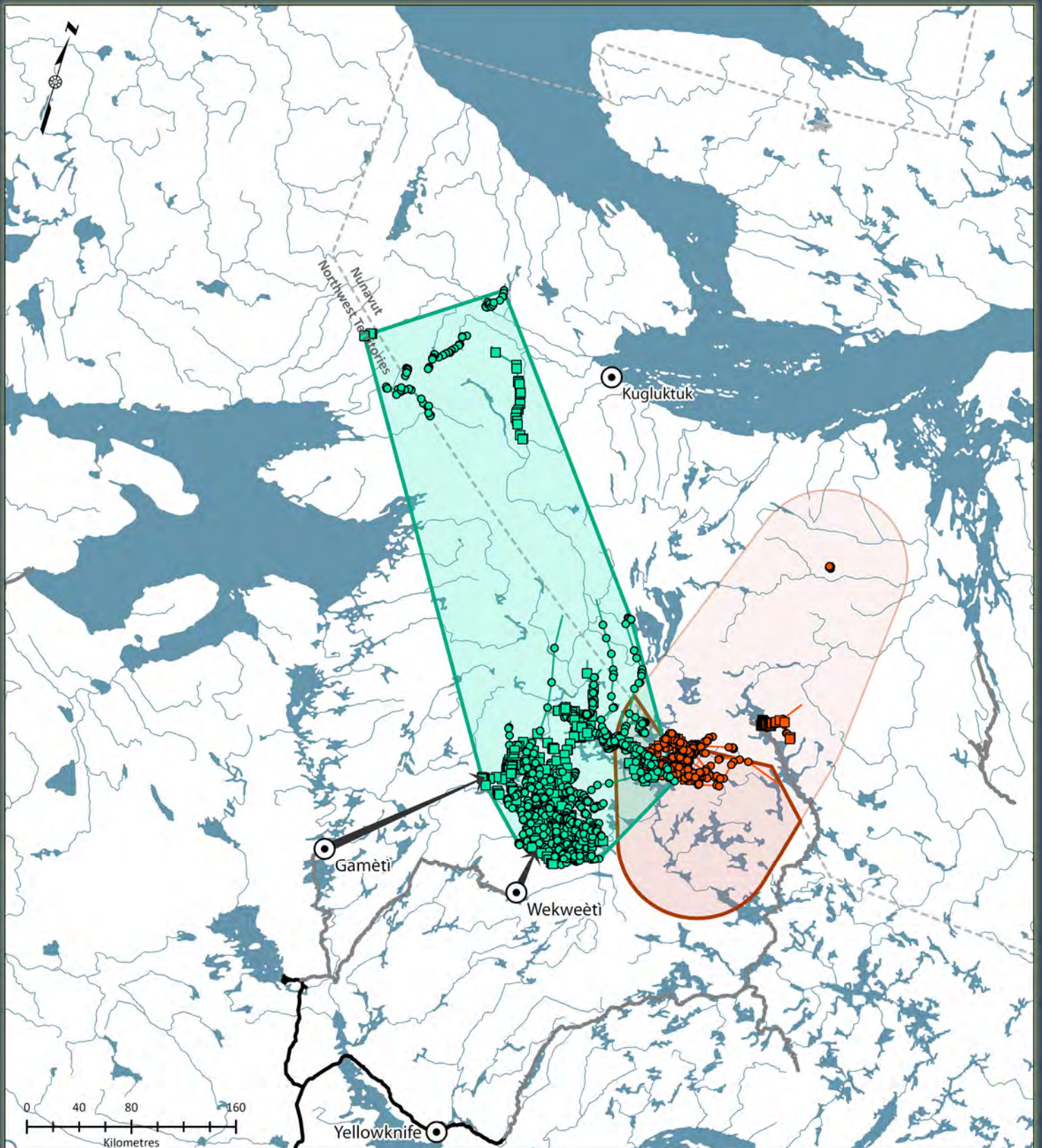
MCBCMZ Date: 2024-10-15

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

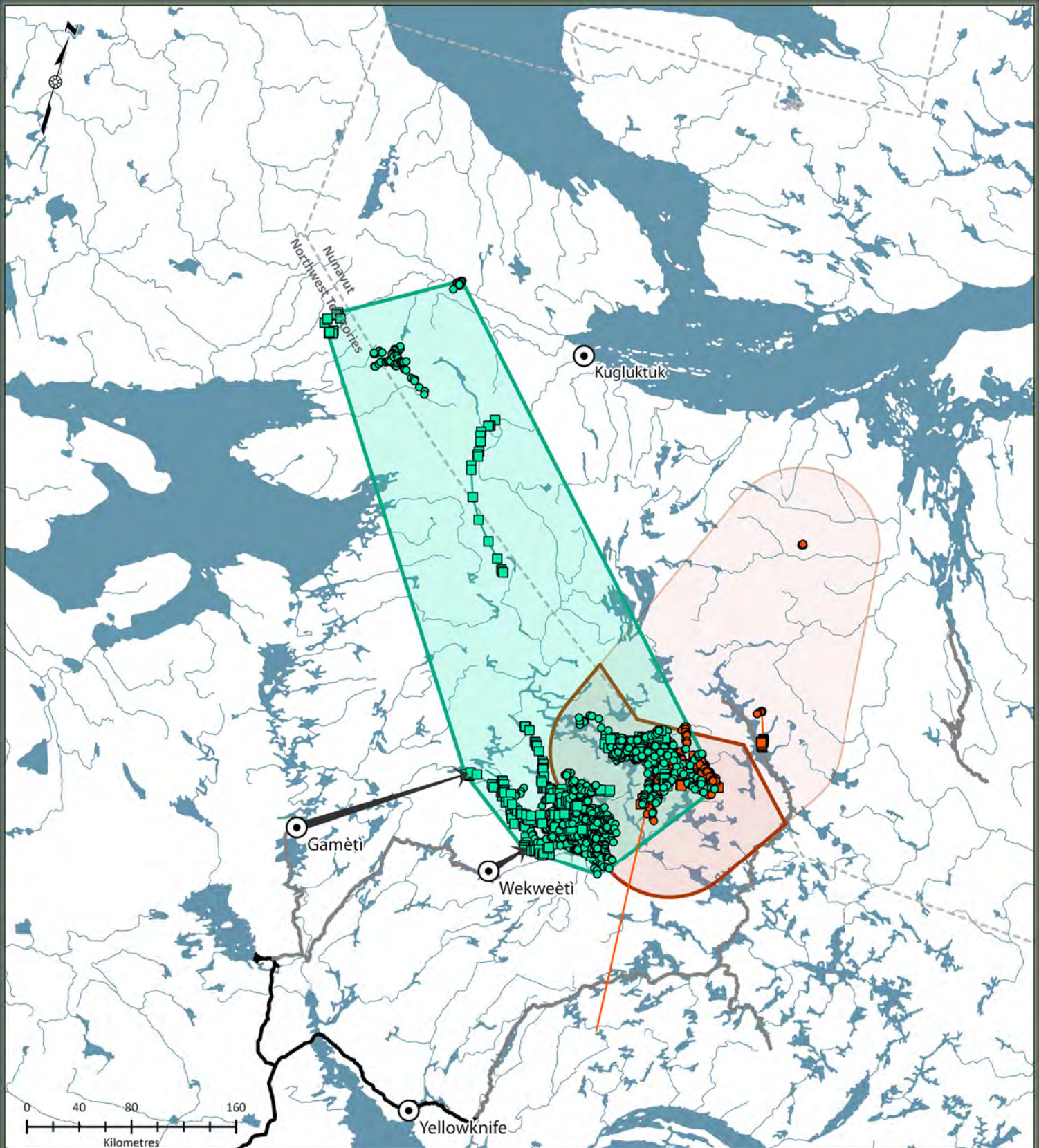
MCBCMZ Date: 2024-10-22

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

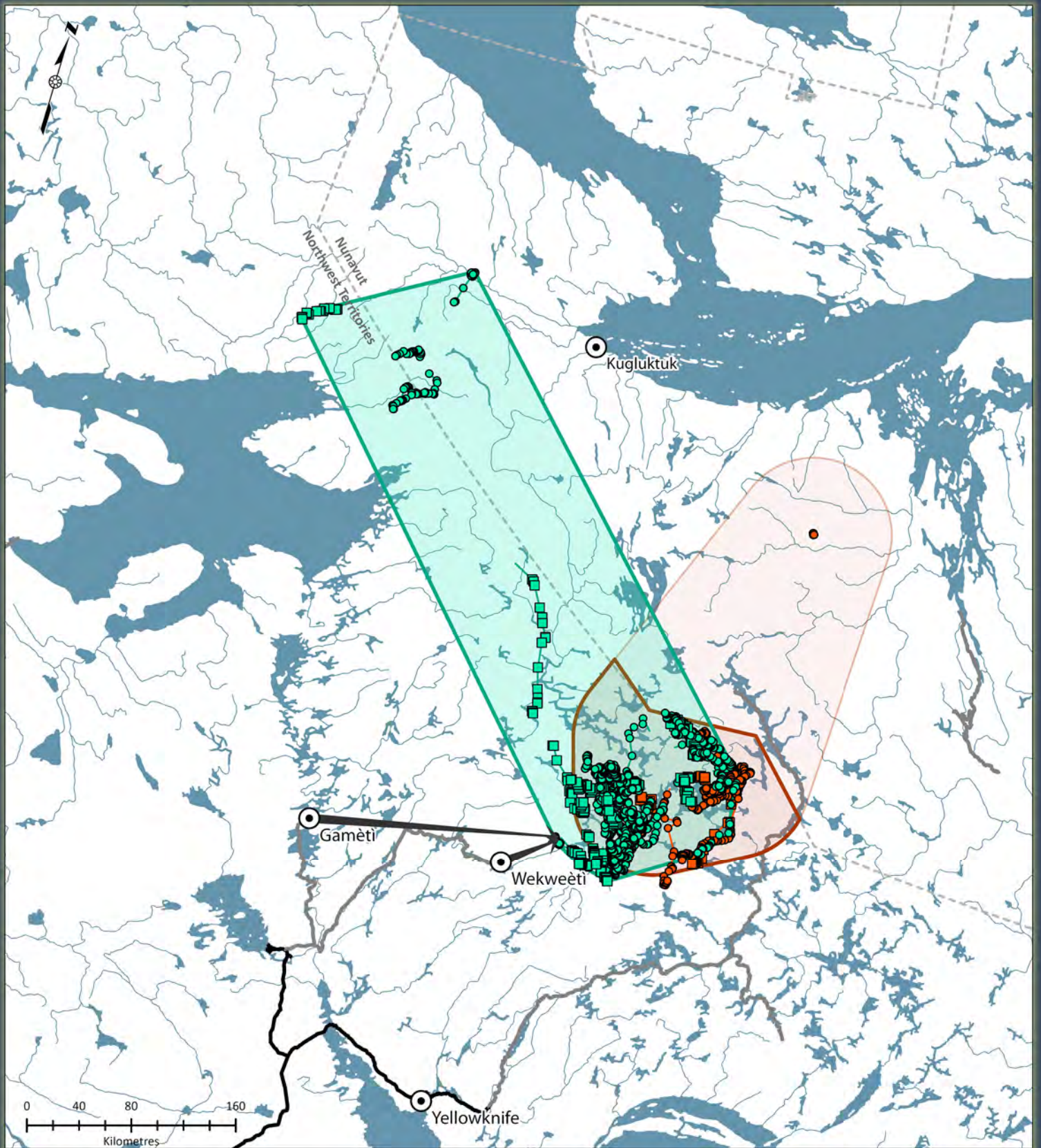
MCBCMZ Date: 2024-10-29

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

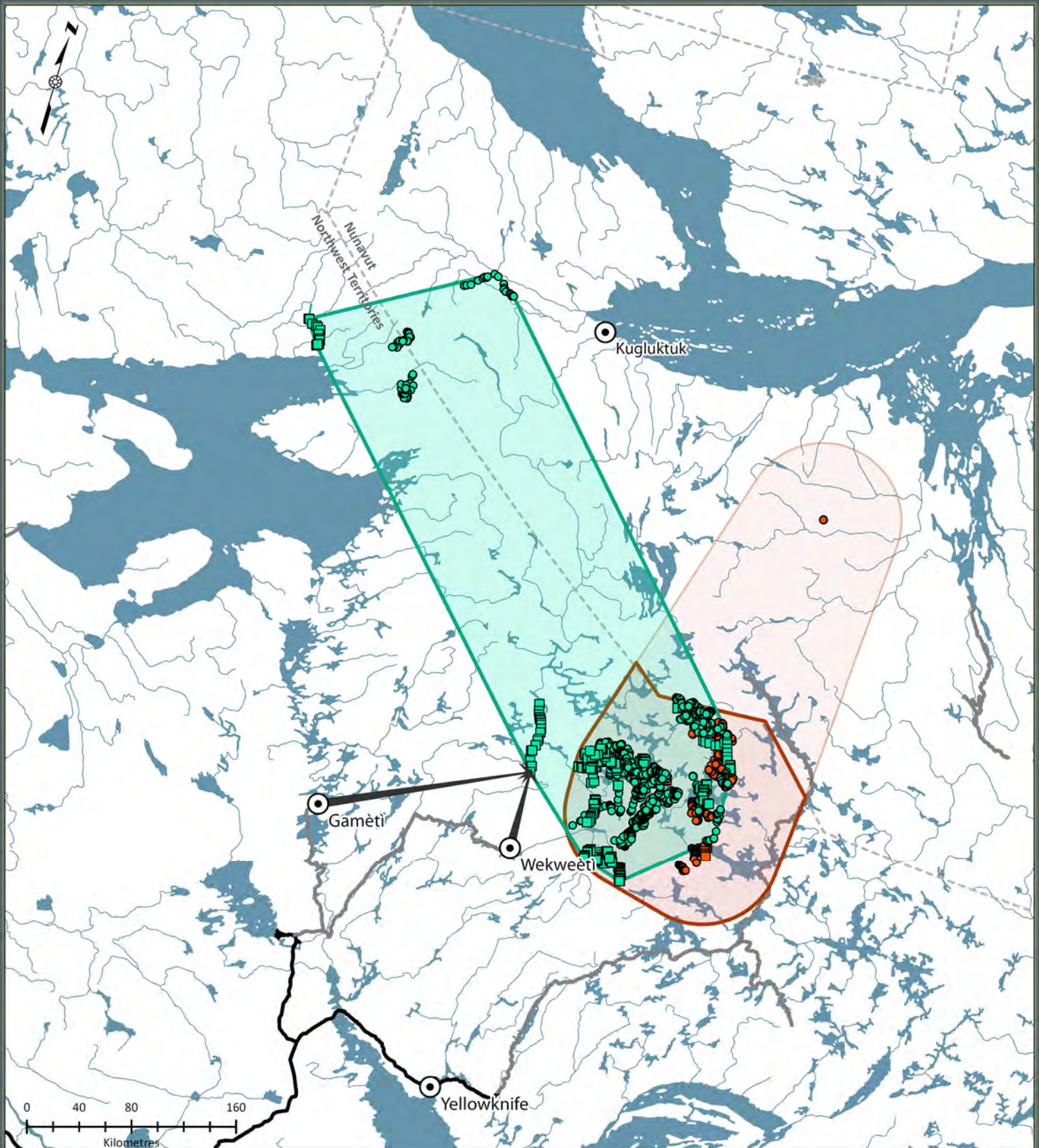
MCBCMZ Date: 2024-11-05

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

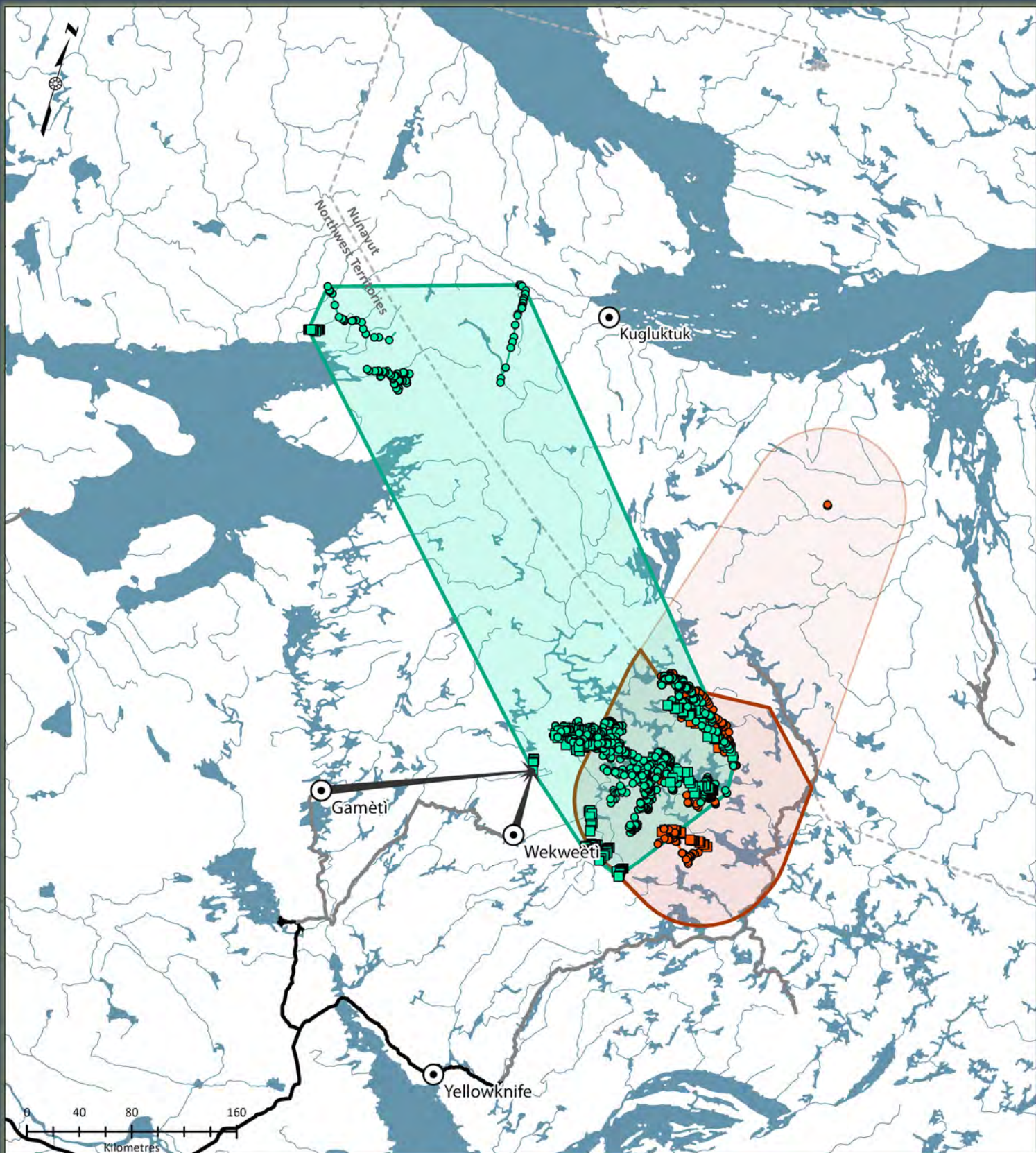
MCBCMZ Date: 2024-11-12

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

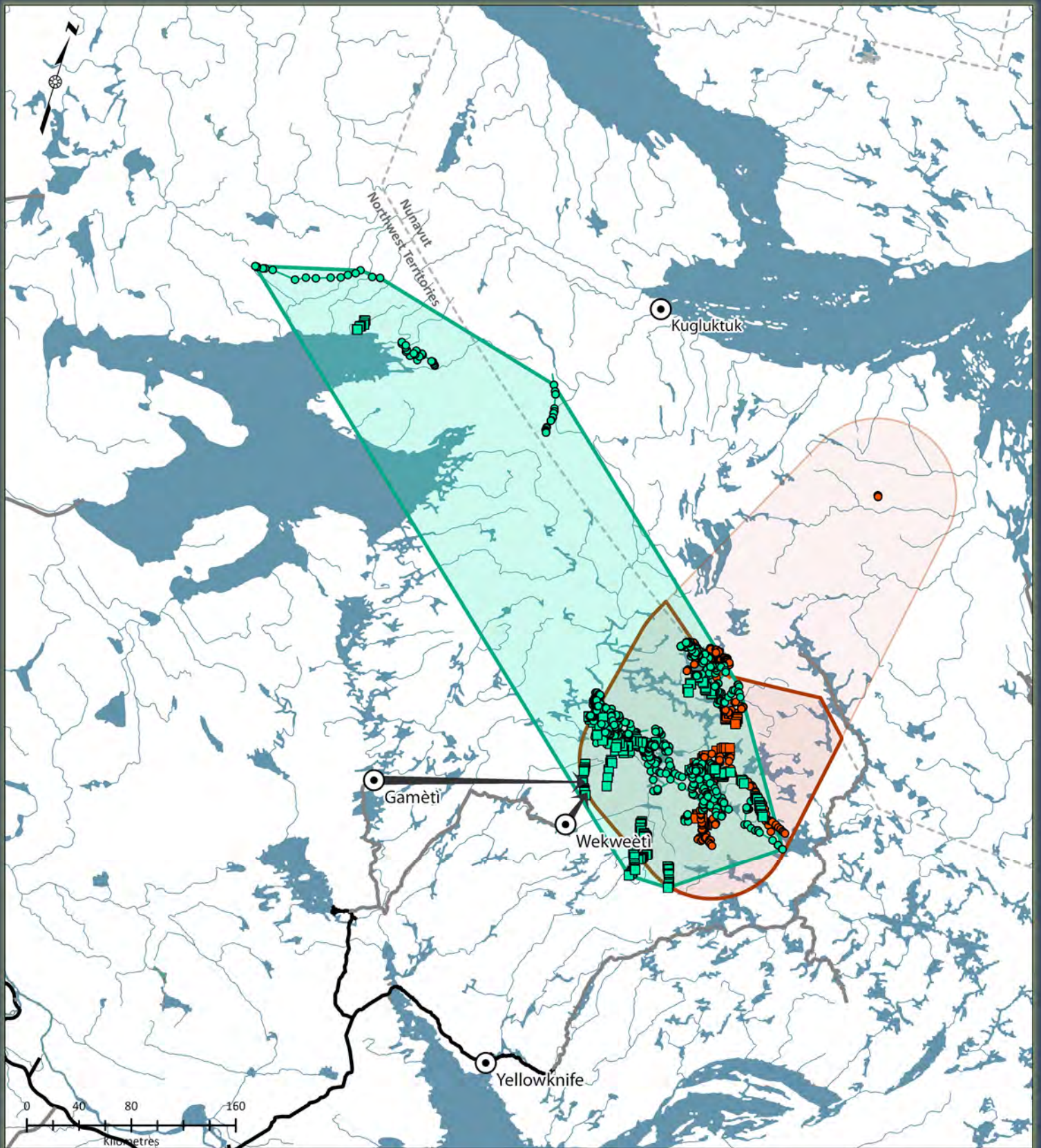
MCBCMZ Date: 2024-11-19

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

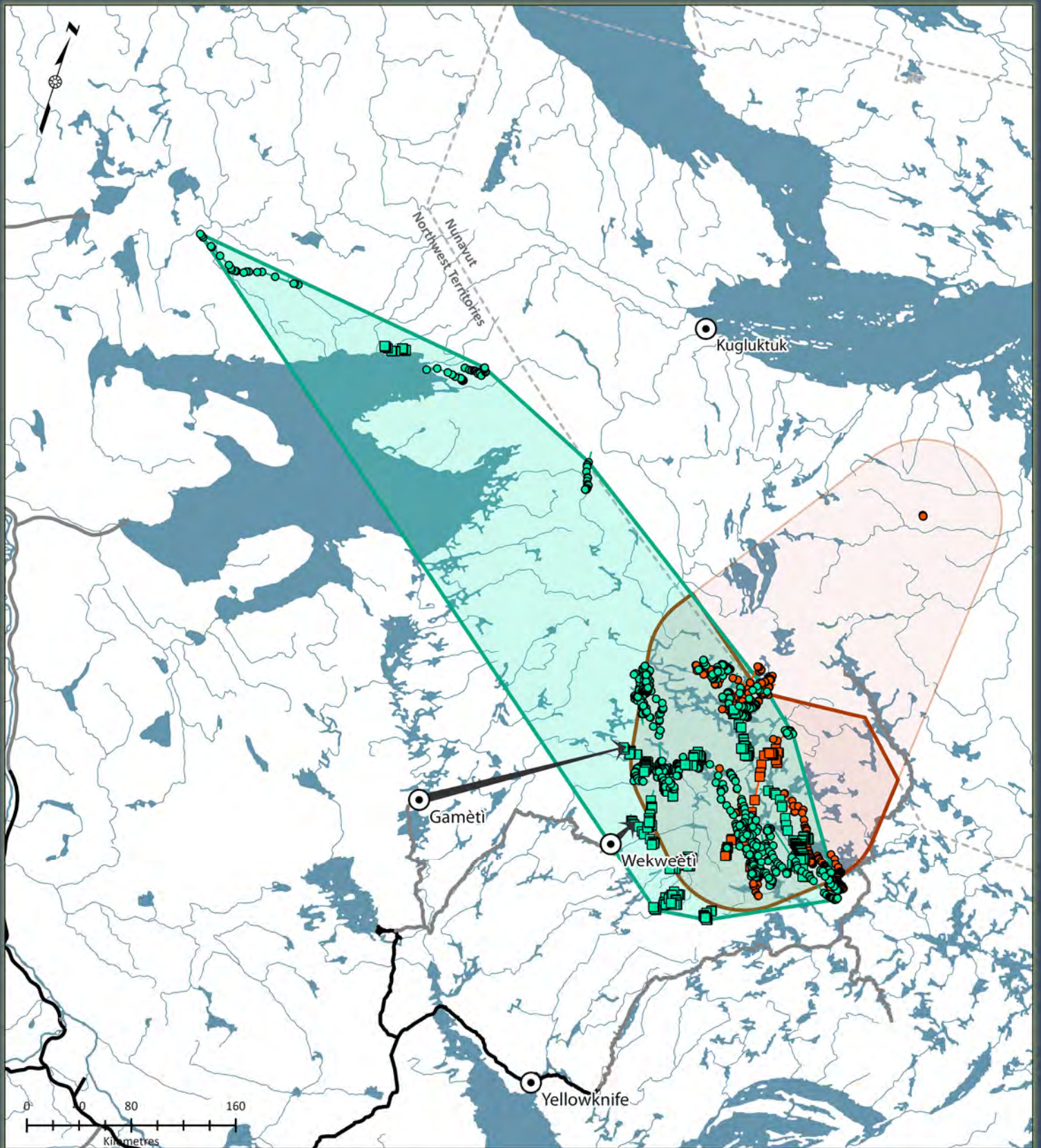
MCBCMZ Date: 2024-11-26

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

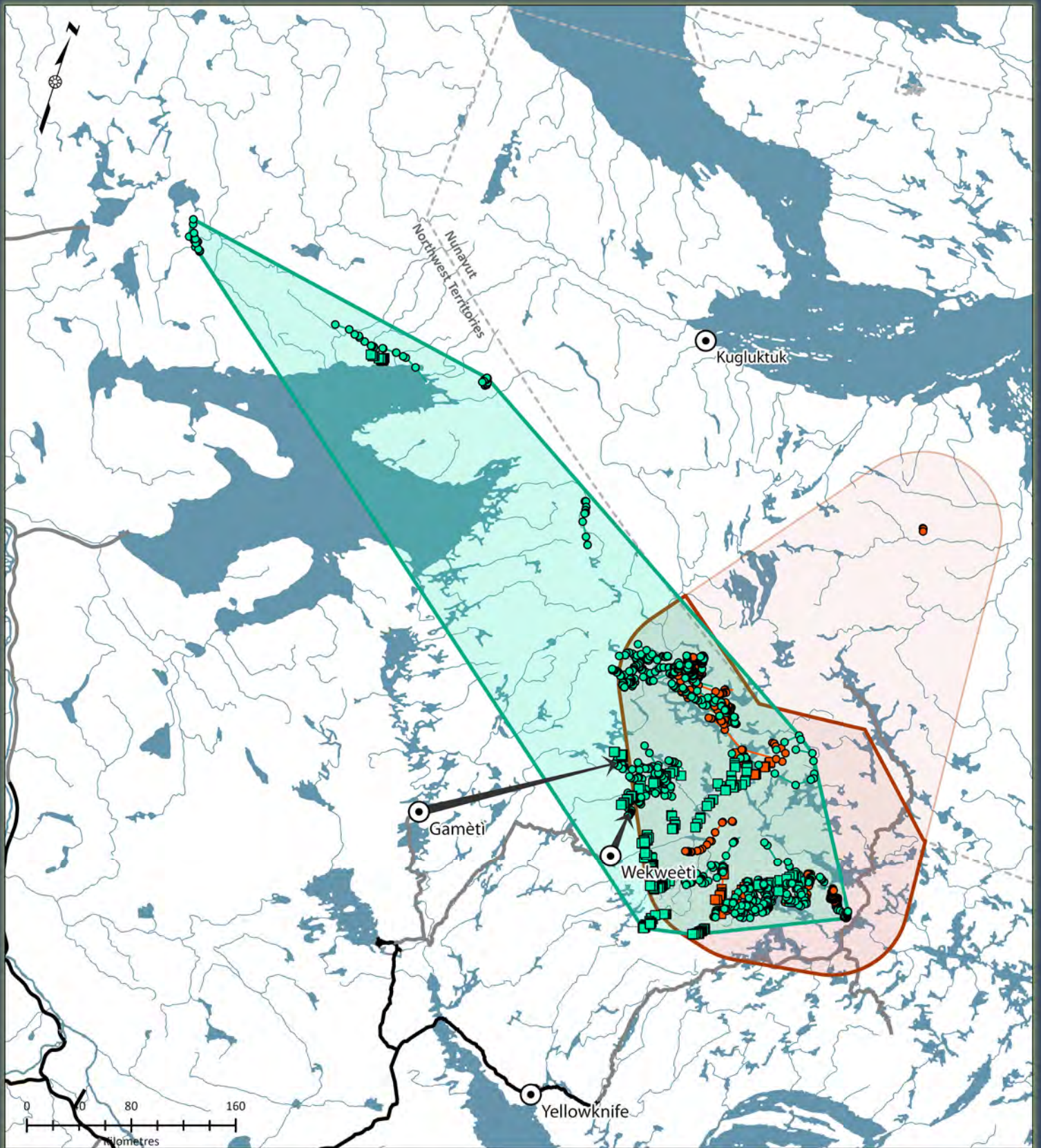
MCBCMZ Date: 2024-12-03

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

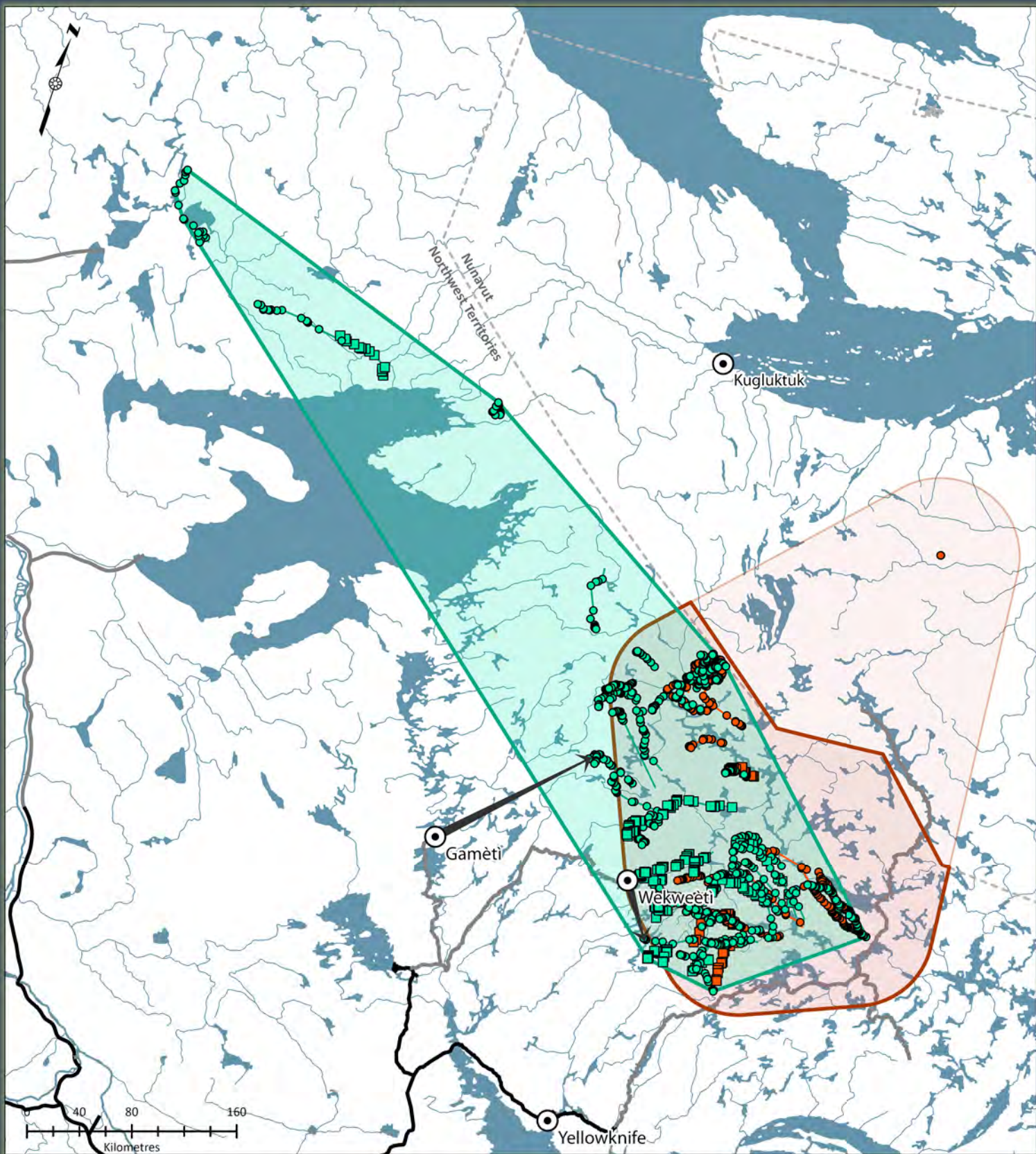
MCBCMZ Date: 2024-12-10

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

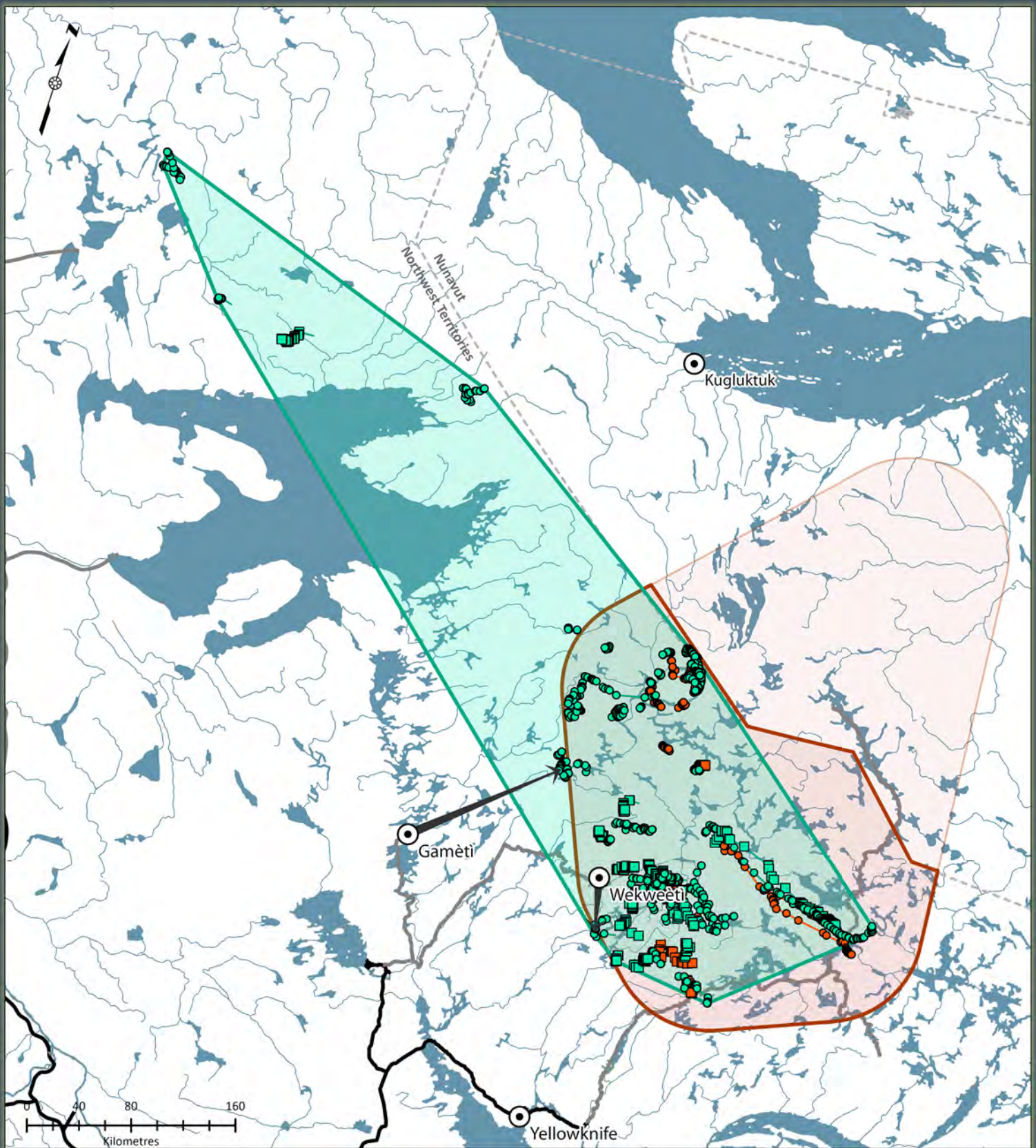
MCBCMZ Date: 2024-12-17

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories
Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

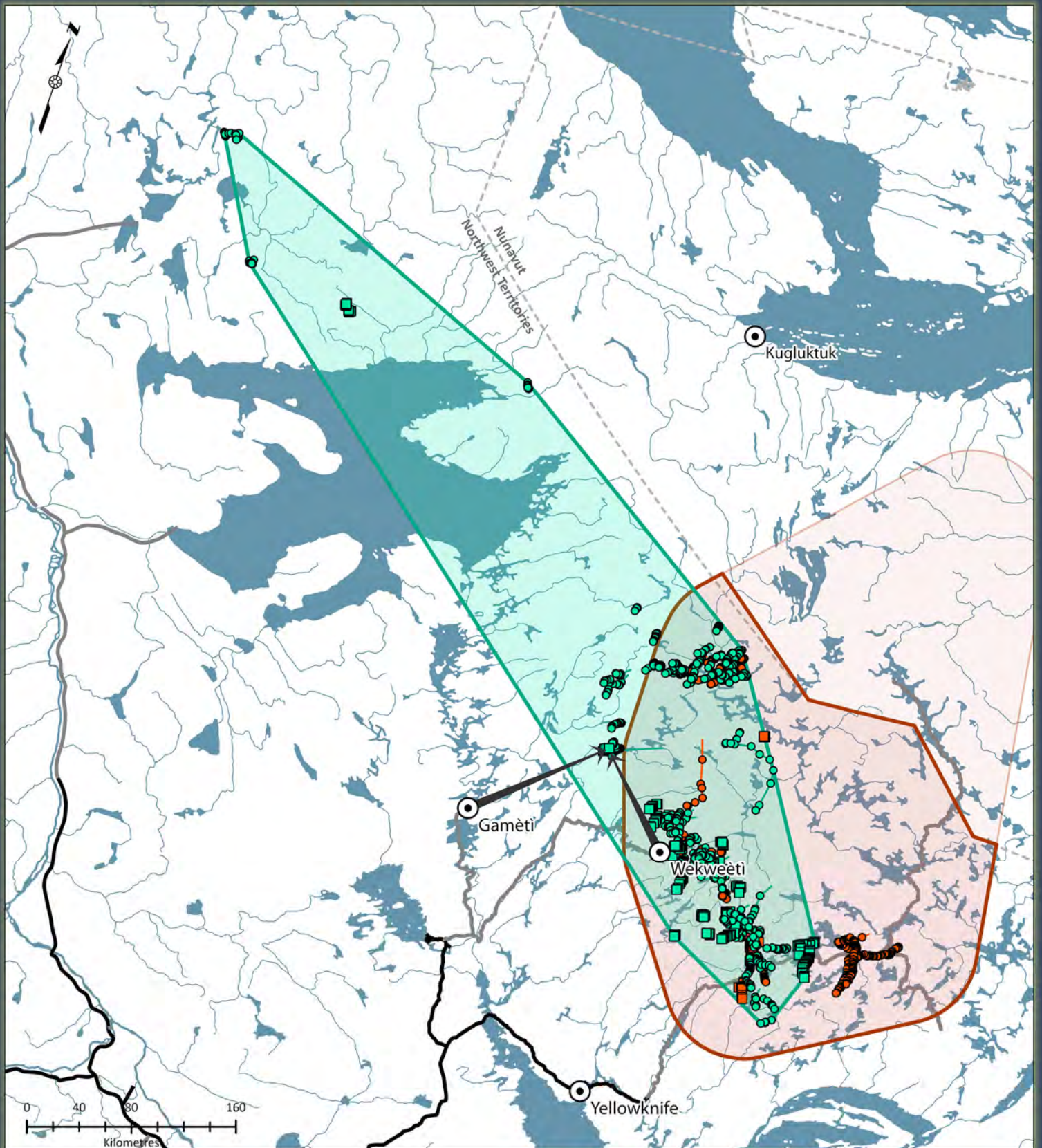
MCBCMZ Date: 2024-12-24

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

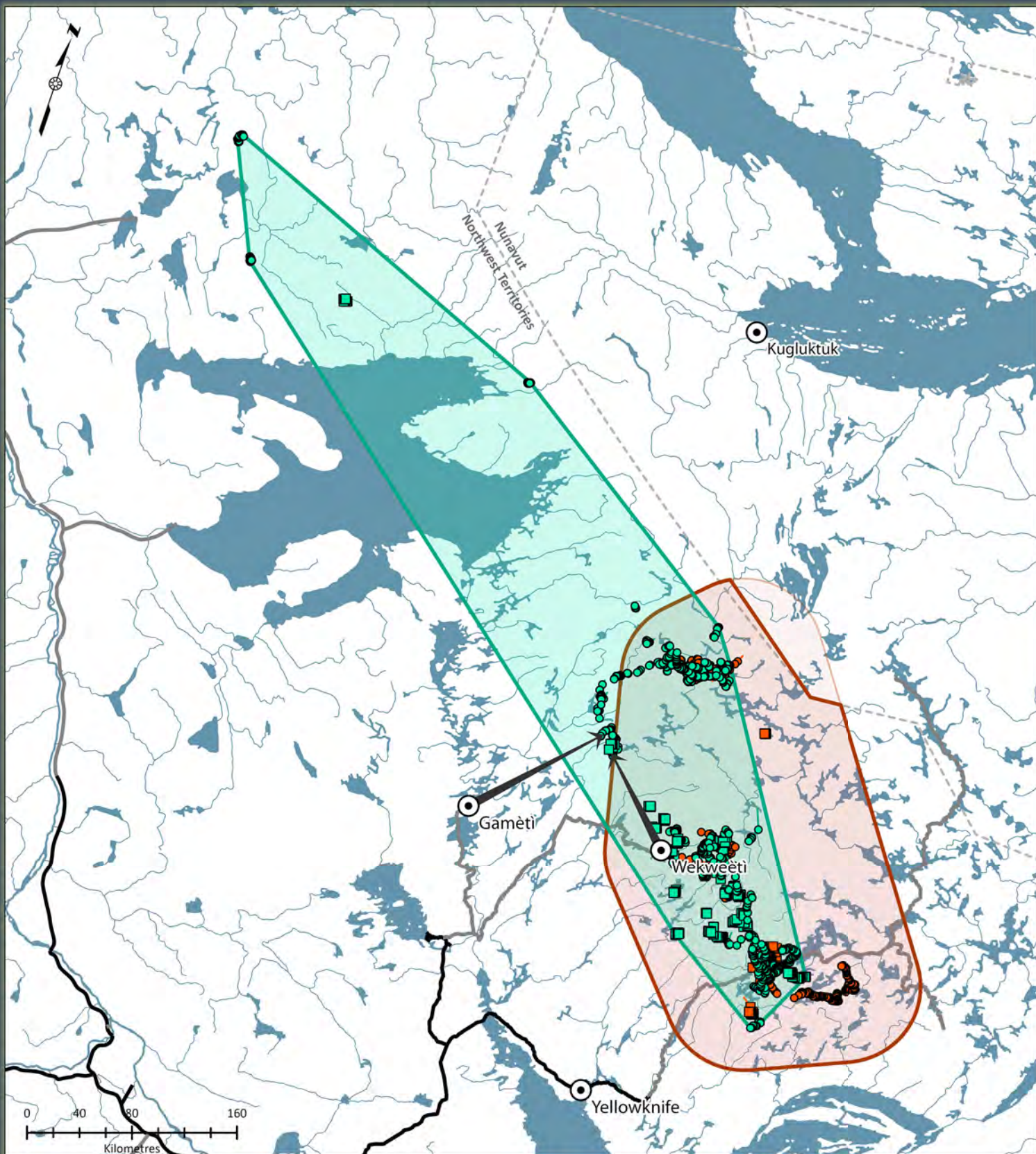
MCBCMZ Date: 2025-01-07

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

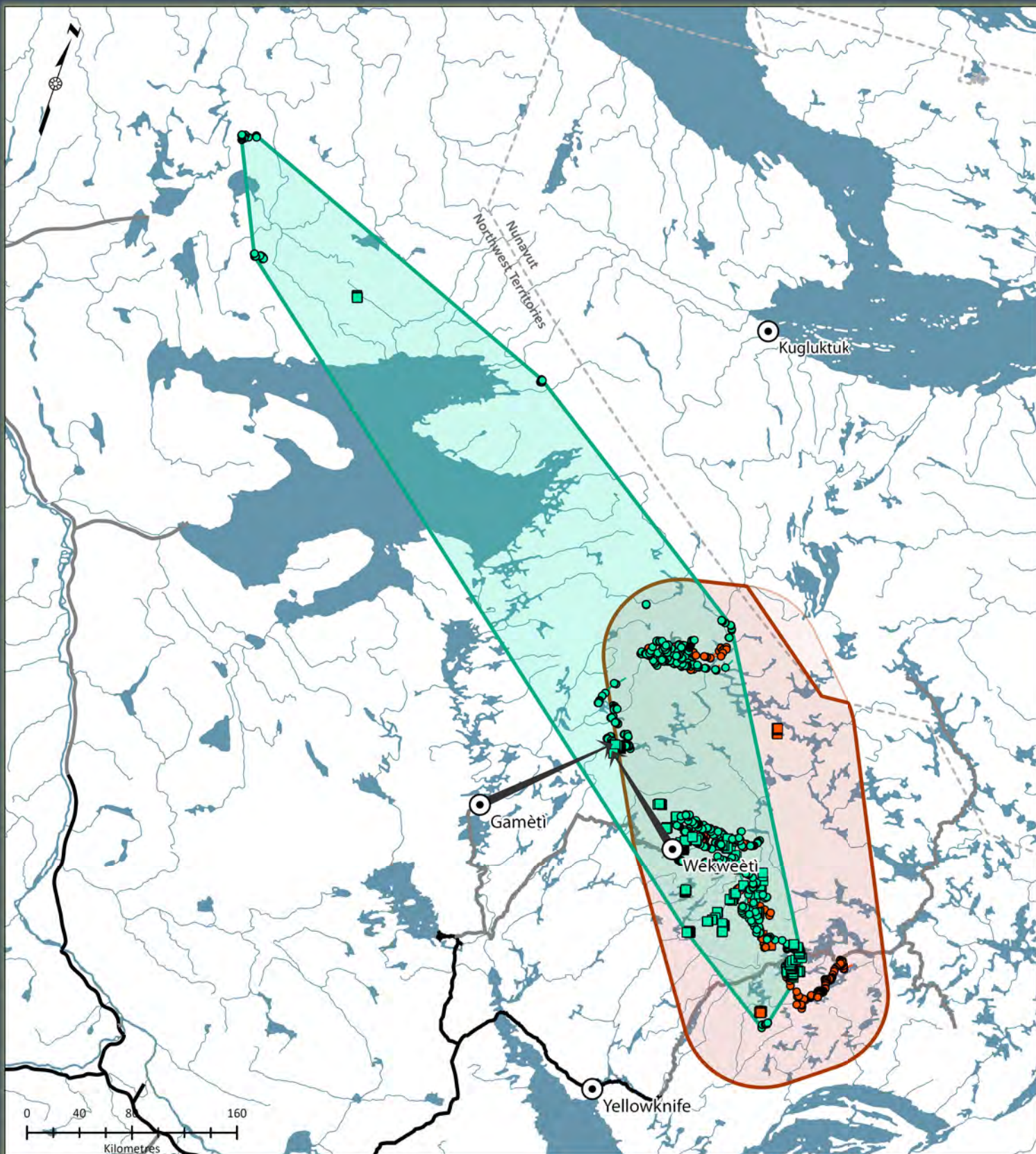
MCBCMZ Date: 2025-01-14

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

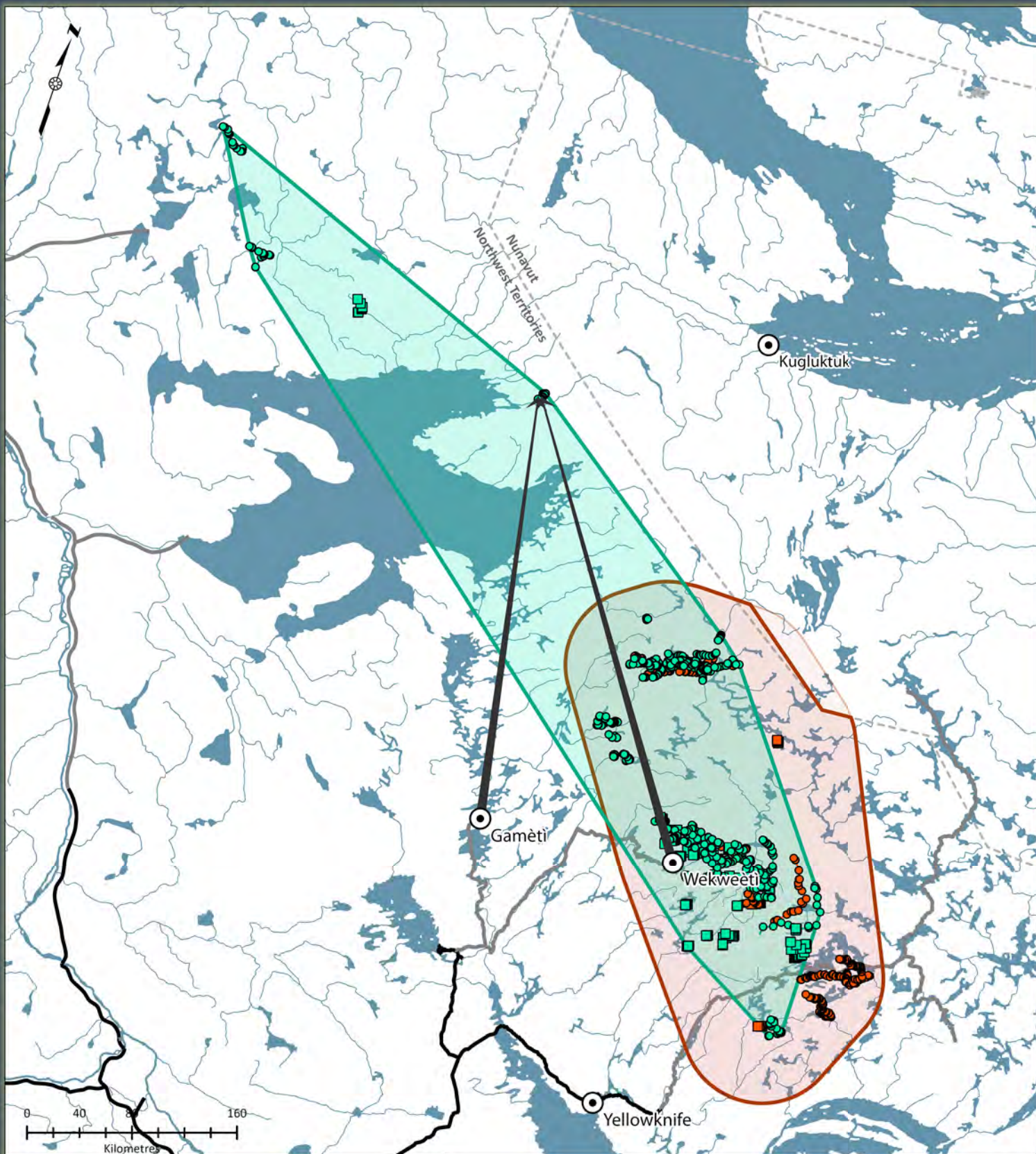
MCBCMZ Date: 2025-01-21

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

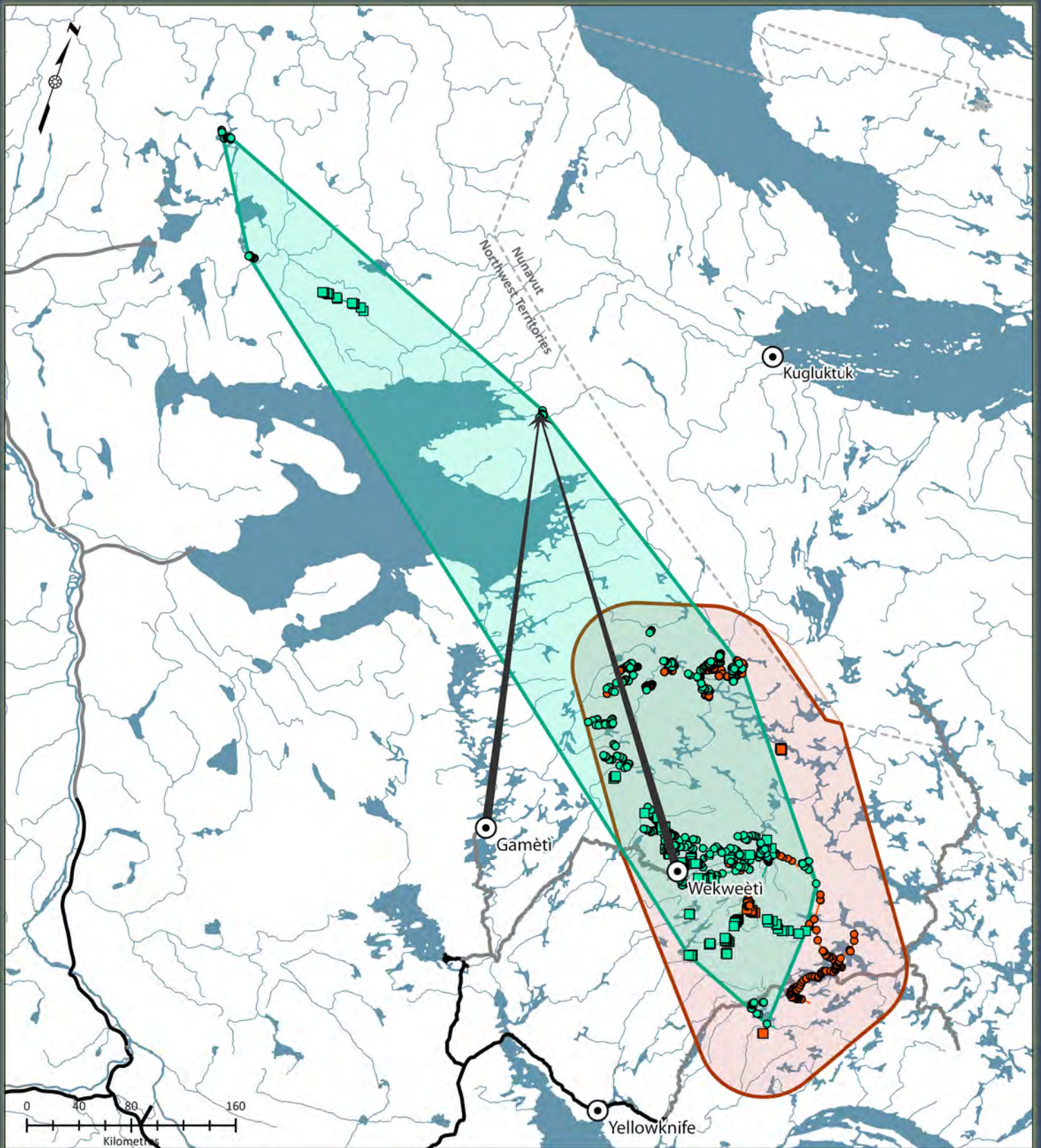
MCBCMZ Date: 2025-01-28

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

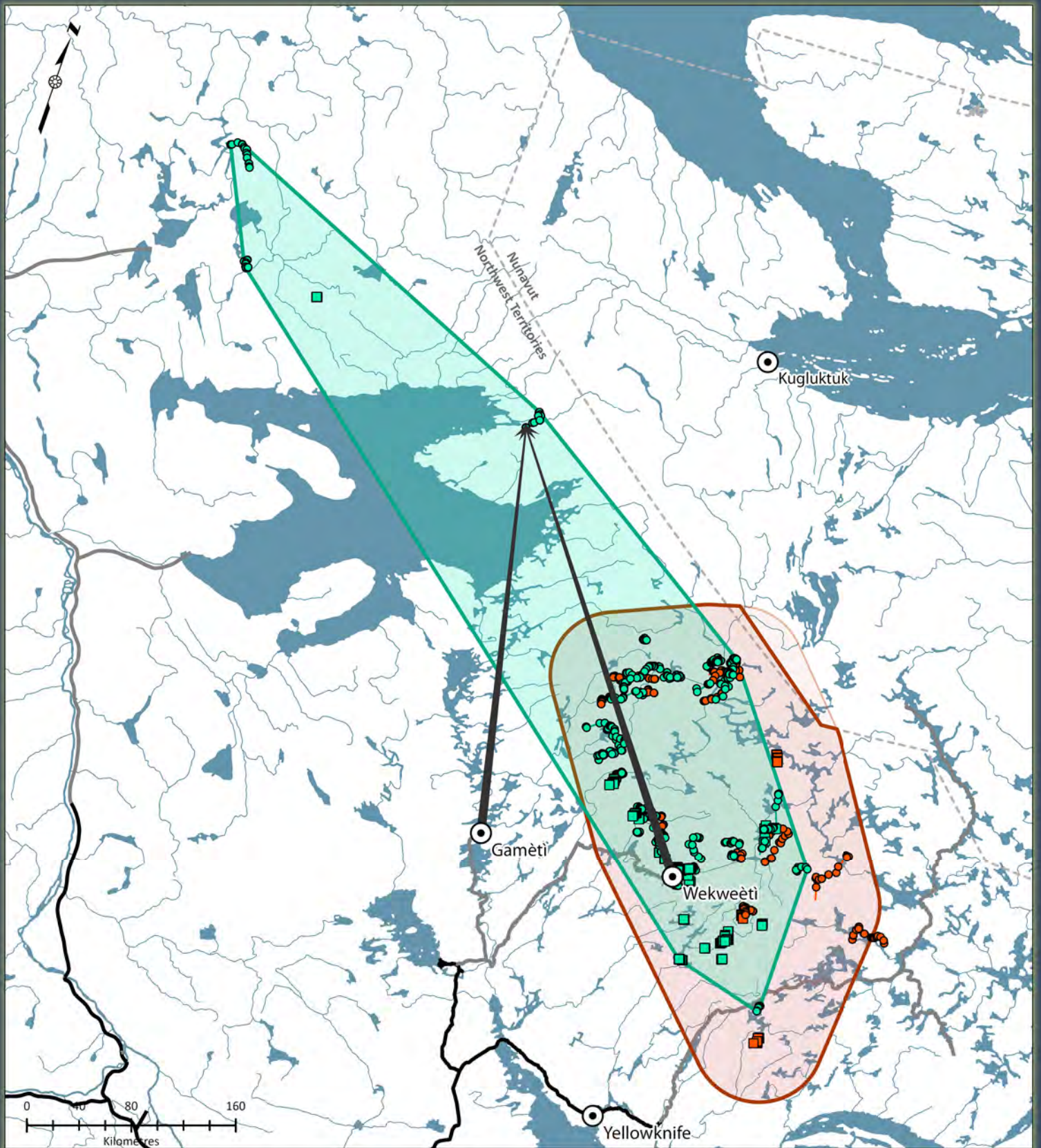
MCBCMZ Date: 2025-02-04

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

McBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the McBCMZ

MCBCMZ Time Series Analysis

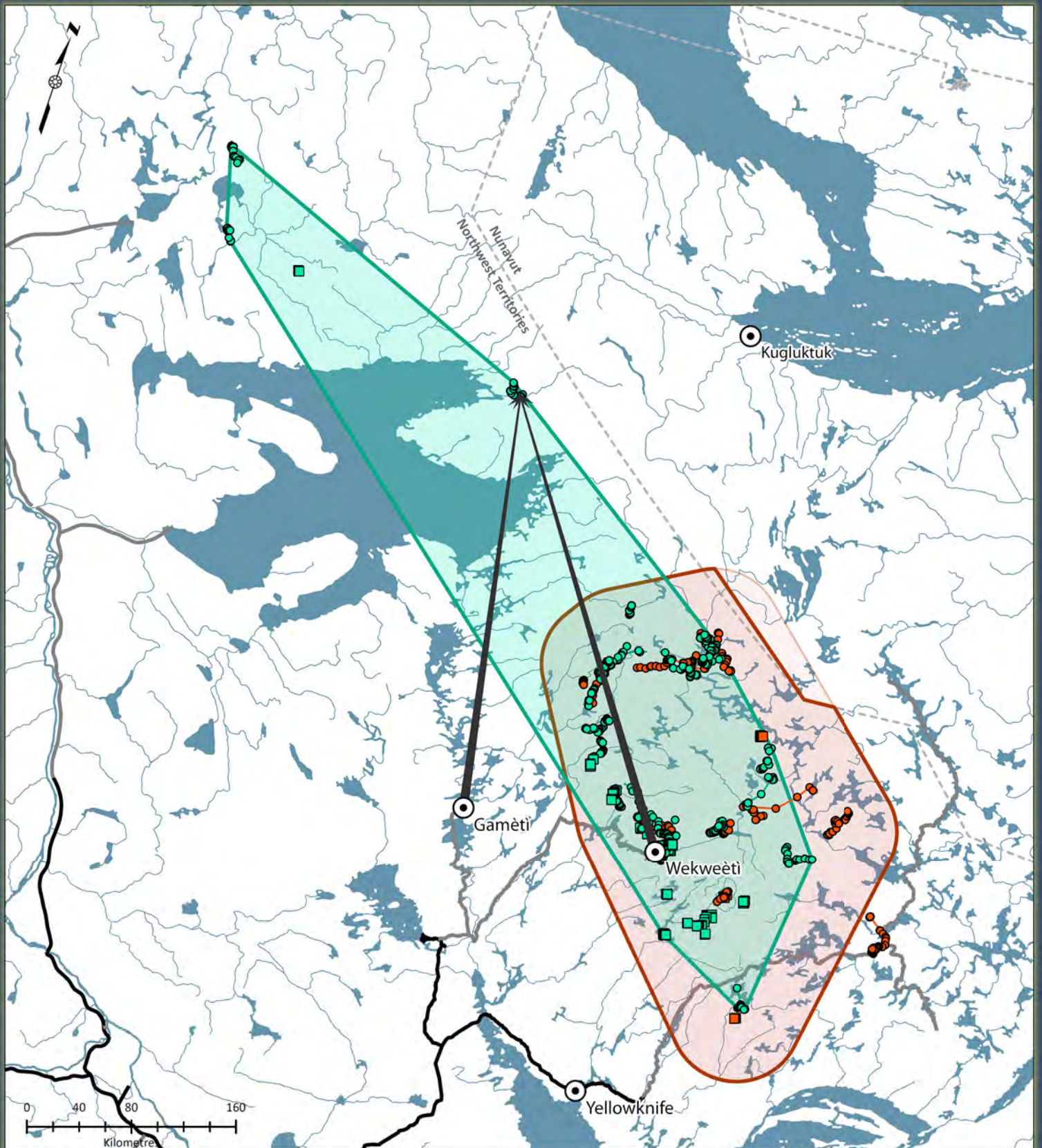
MCBCMZ Date: 2025-02-11

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

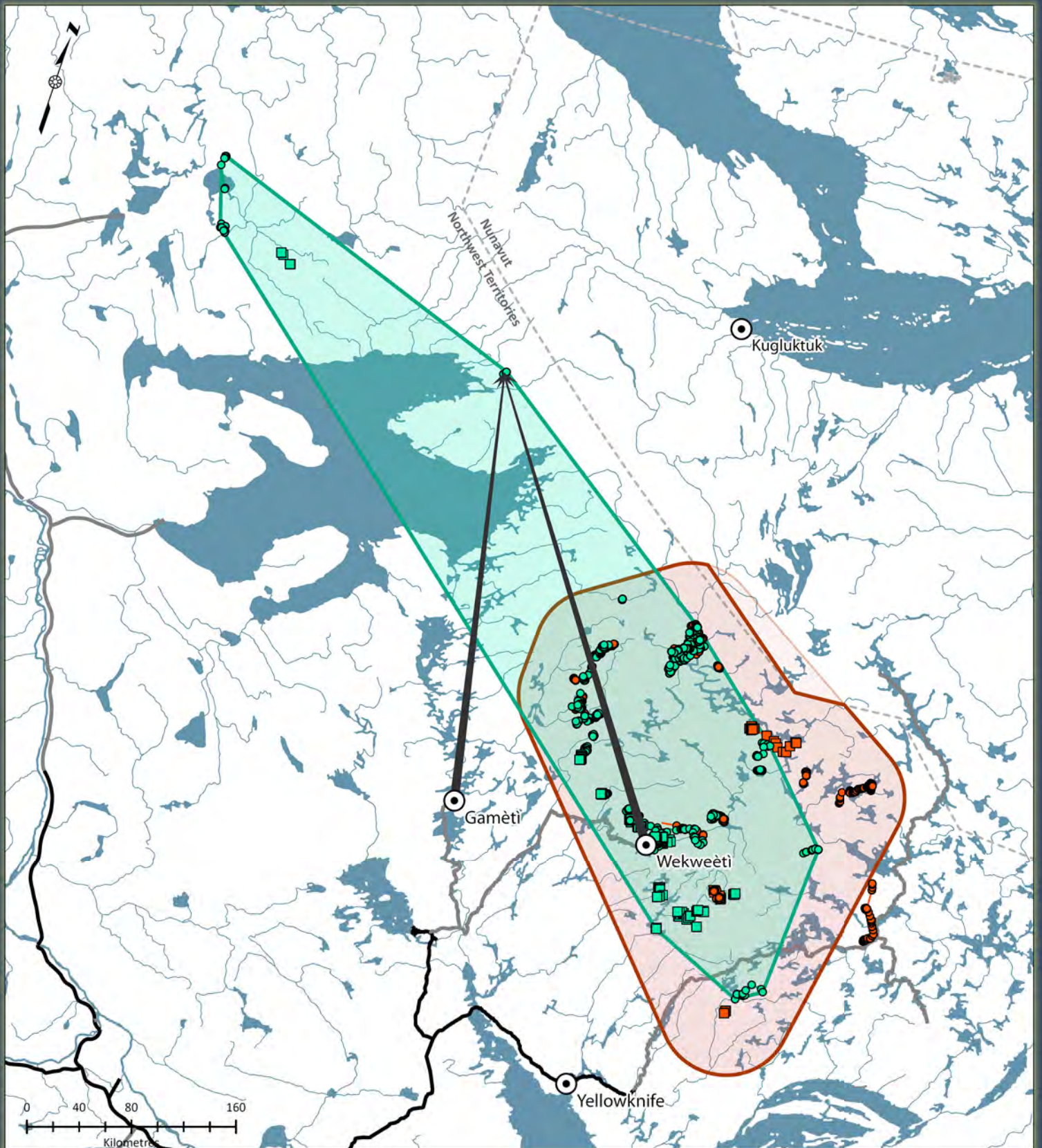
MCBCMZ Date: 2025-02-18

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

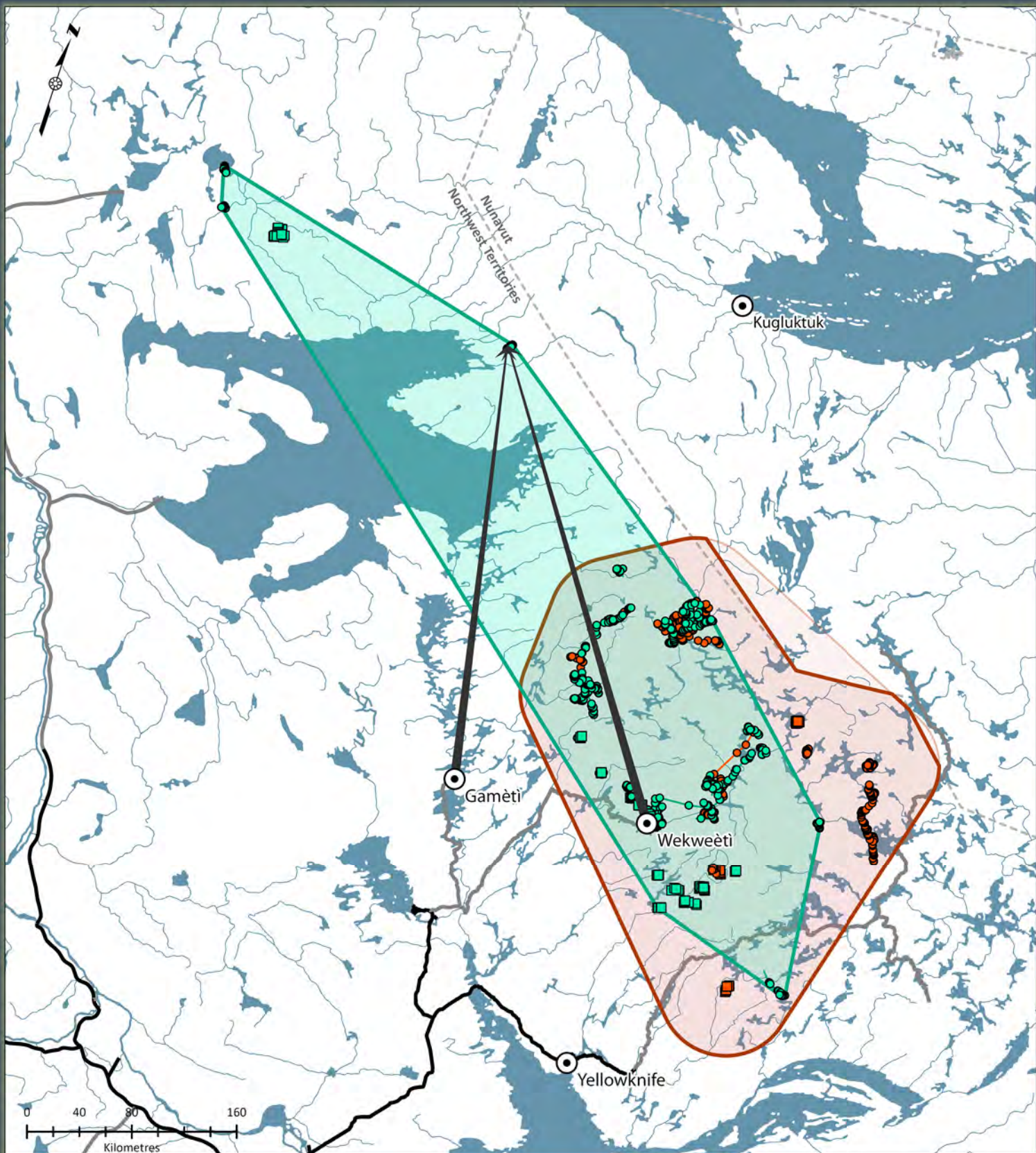
MCBCMZ Date: 2025-02-25

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

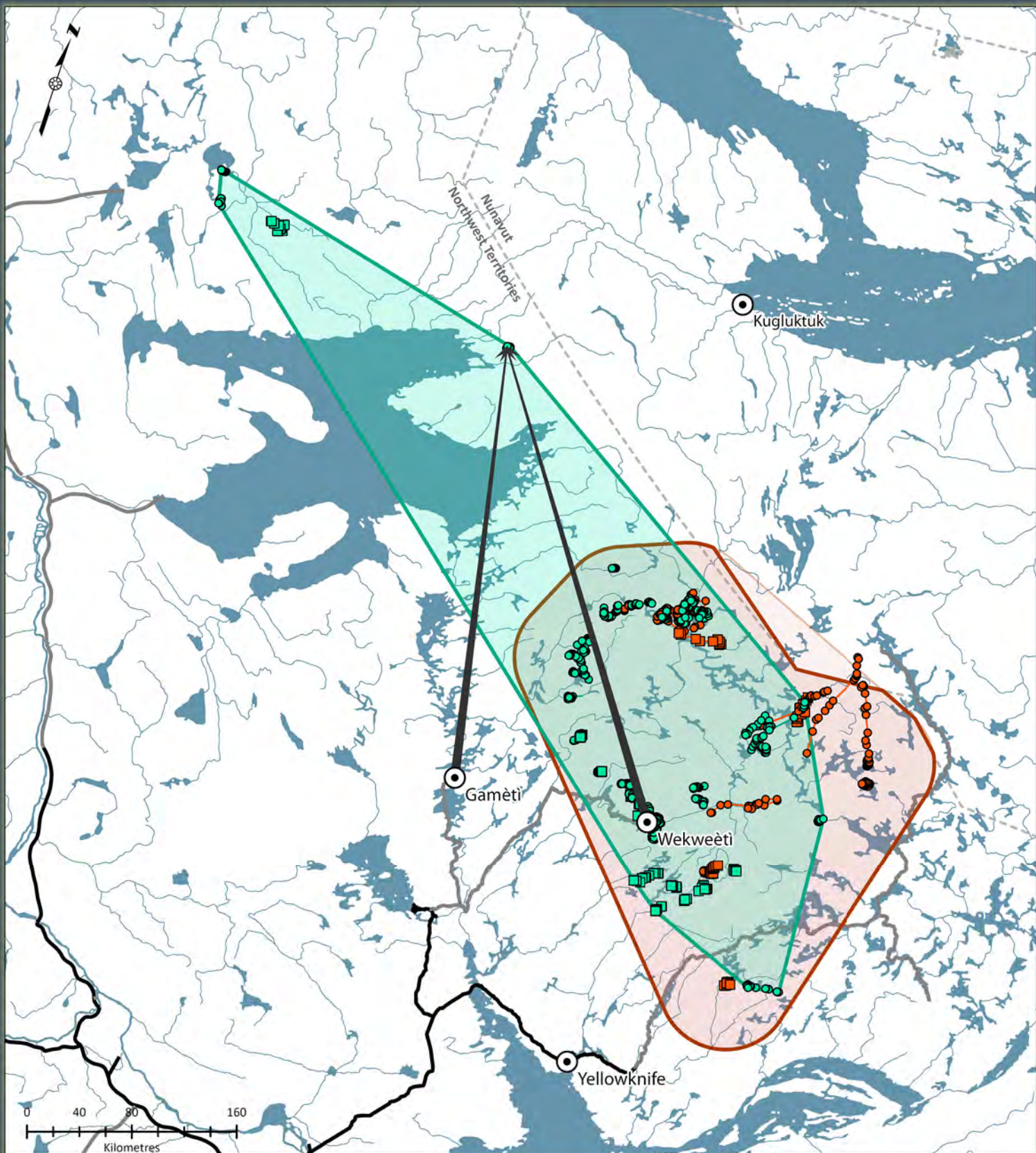
MCBCMZ Date: 2025-03-04

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

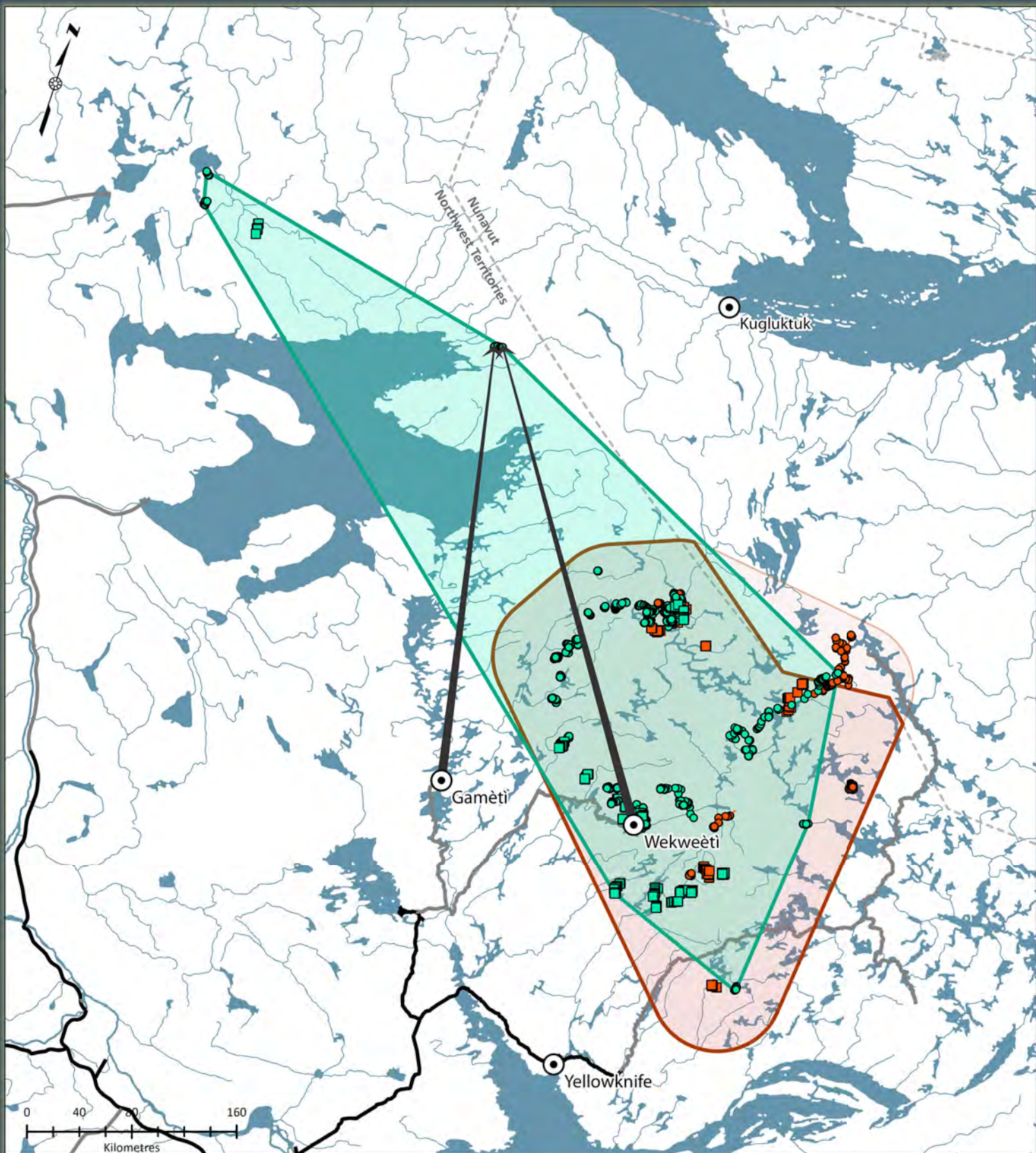
MCBCMZ Date: 2025-03-11

Projection:

Canada Lambert Conformal Conic

Data Sources:

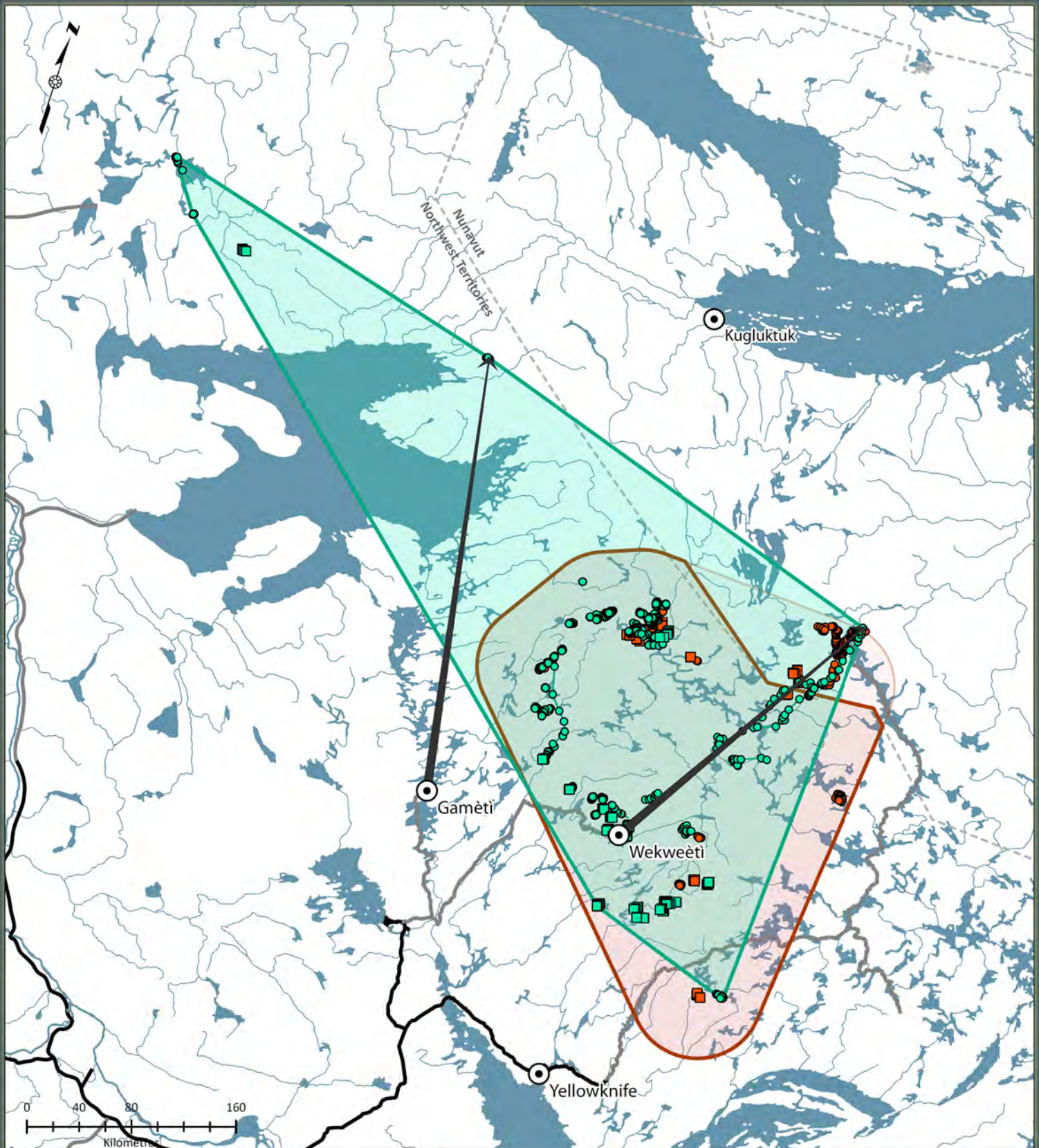
Government of Northwest Territories
Natural Resources Canada



MCBCMZ Time Series Analysis MCBCMZ Date: 2025-03-18

Projection:
Canada Lambert Conformal Conic

Data Sources:
Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

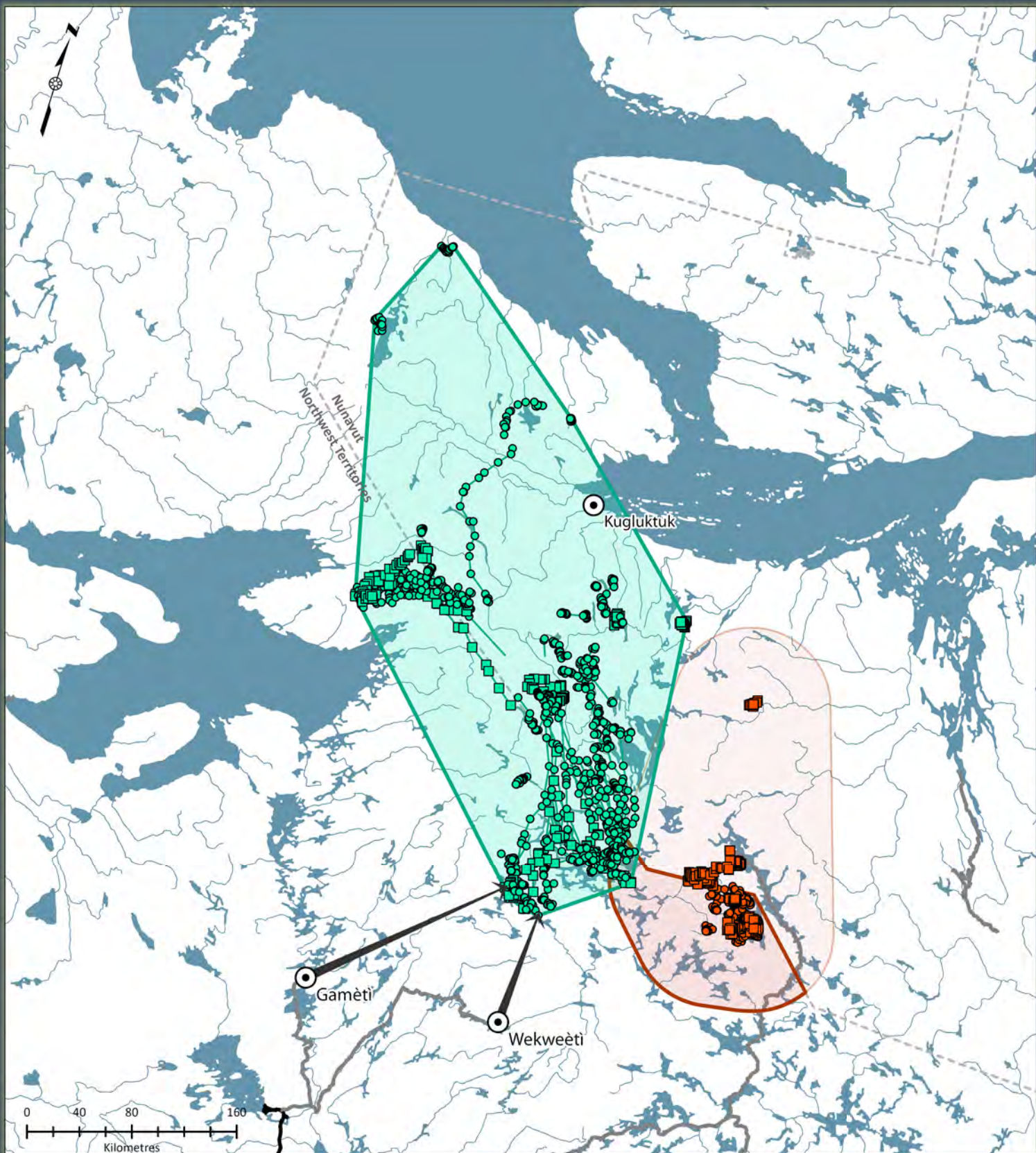
MCBCMZ Date: 2025-03-25

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

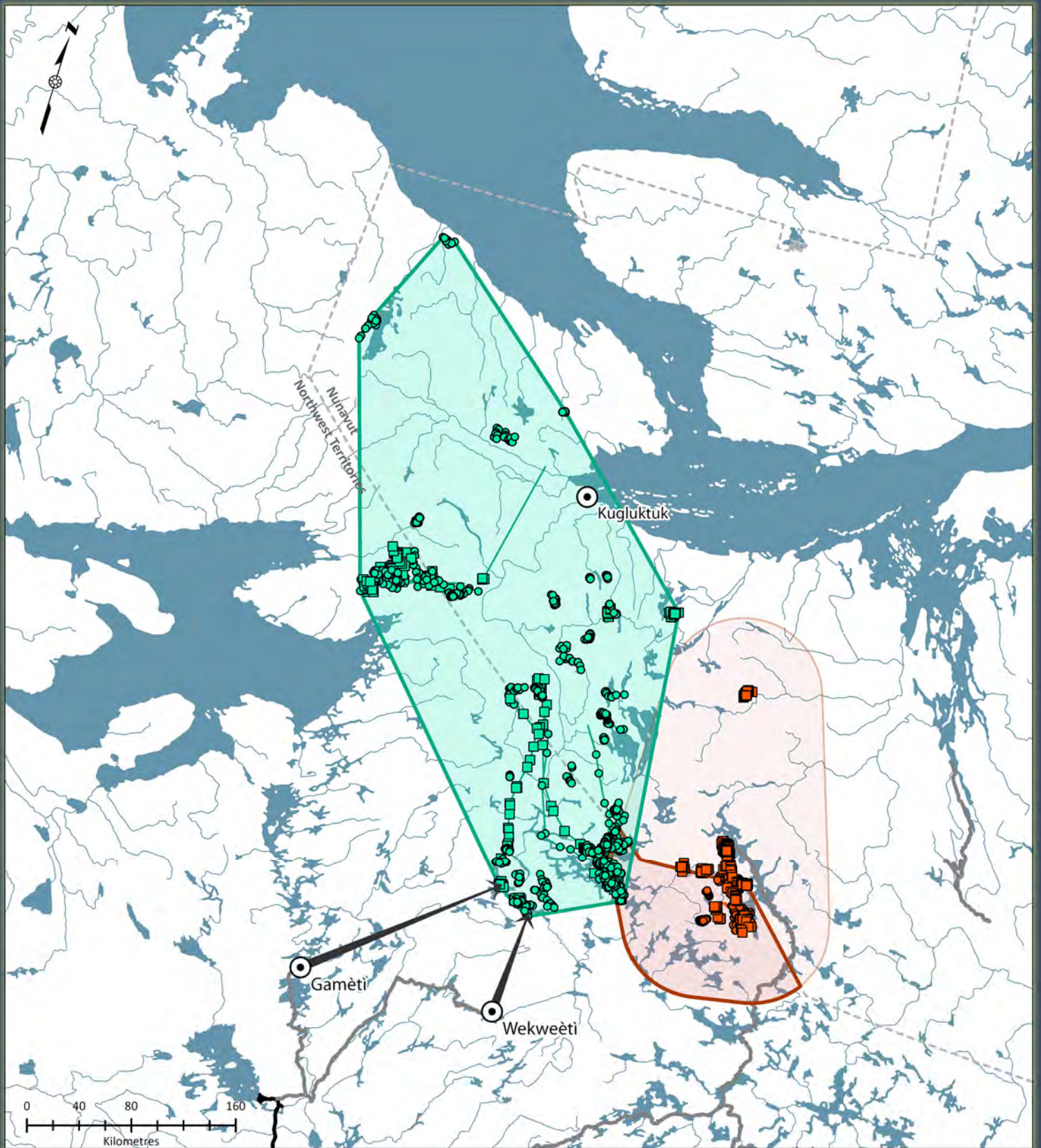
MCBCMZ Date: 2025-08-05

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

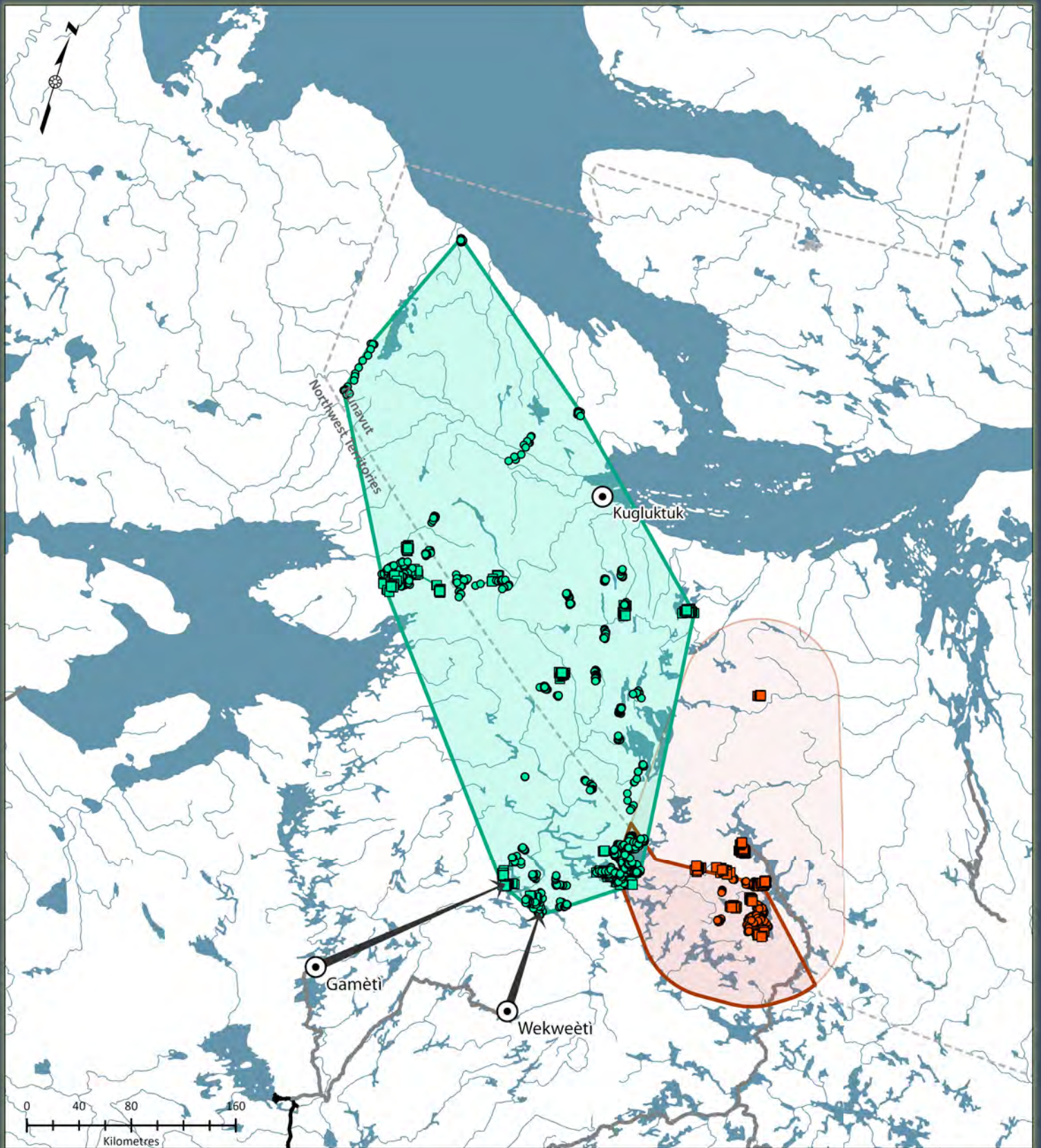
MCBCMZ Date: 2025-08-12

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

McBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the McBCMZ

MCBCMZ Time Series Analysis

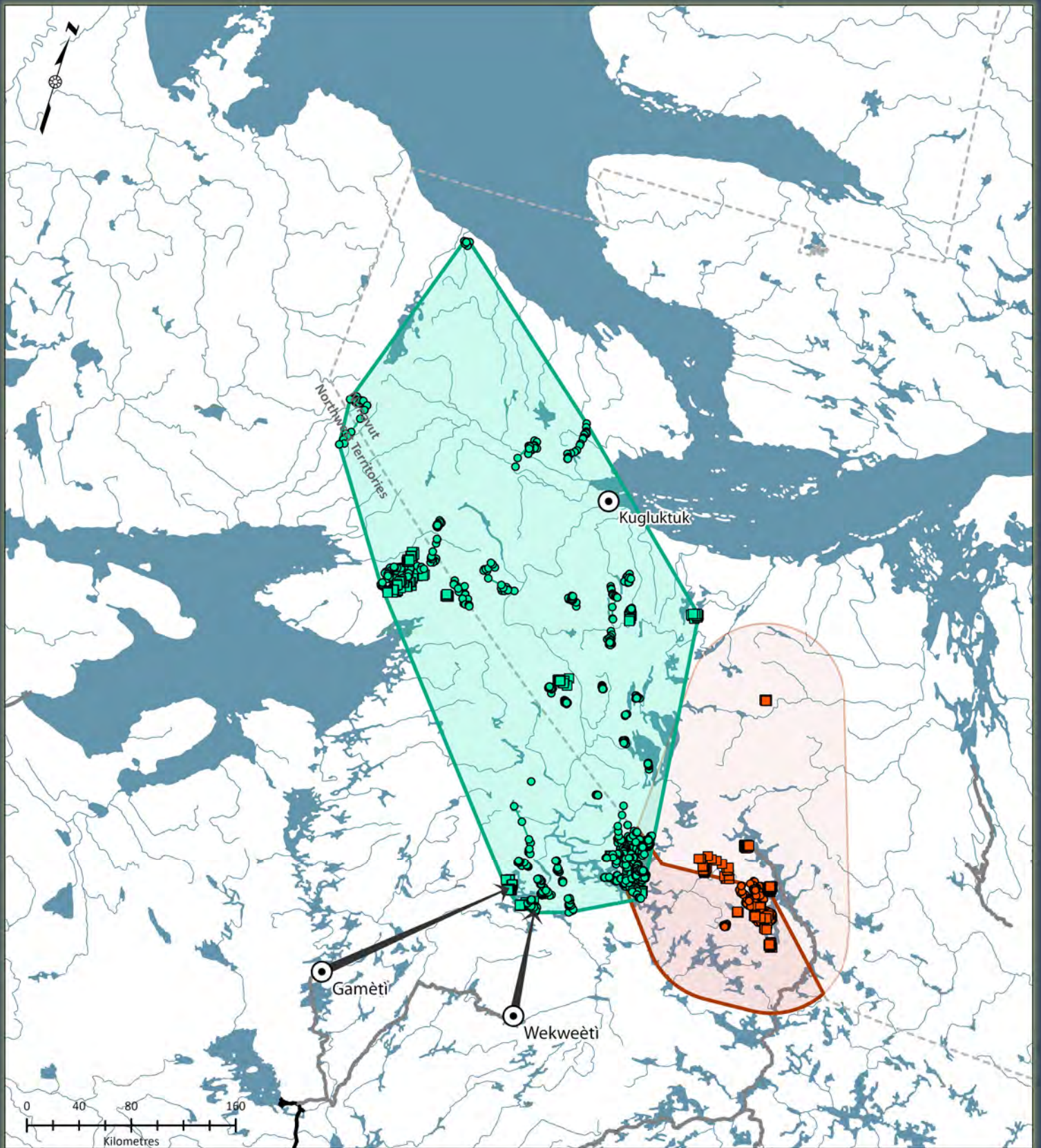
MCBCMZ Date: 2025-08-19

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue-nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue-nose-East, Female

Blue-nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue-nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

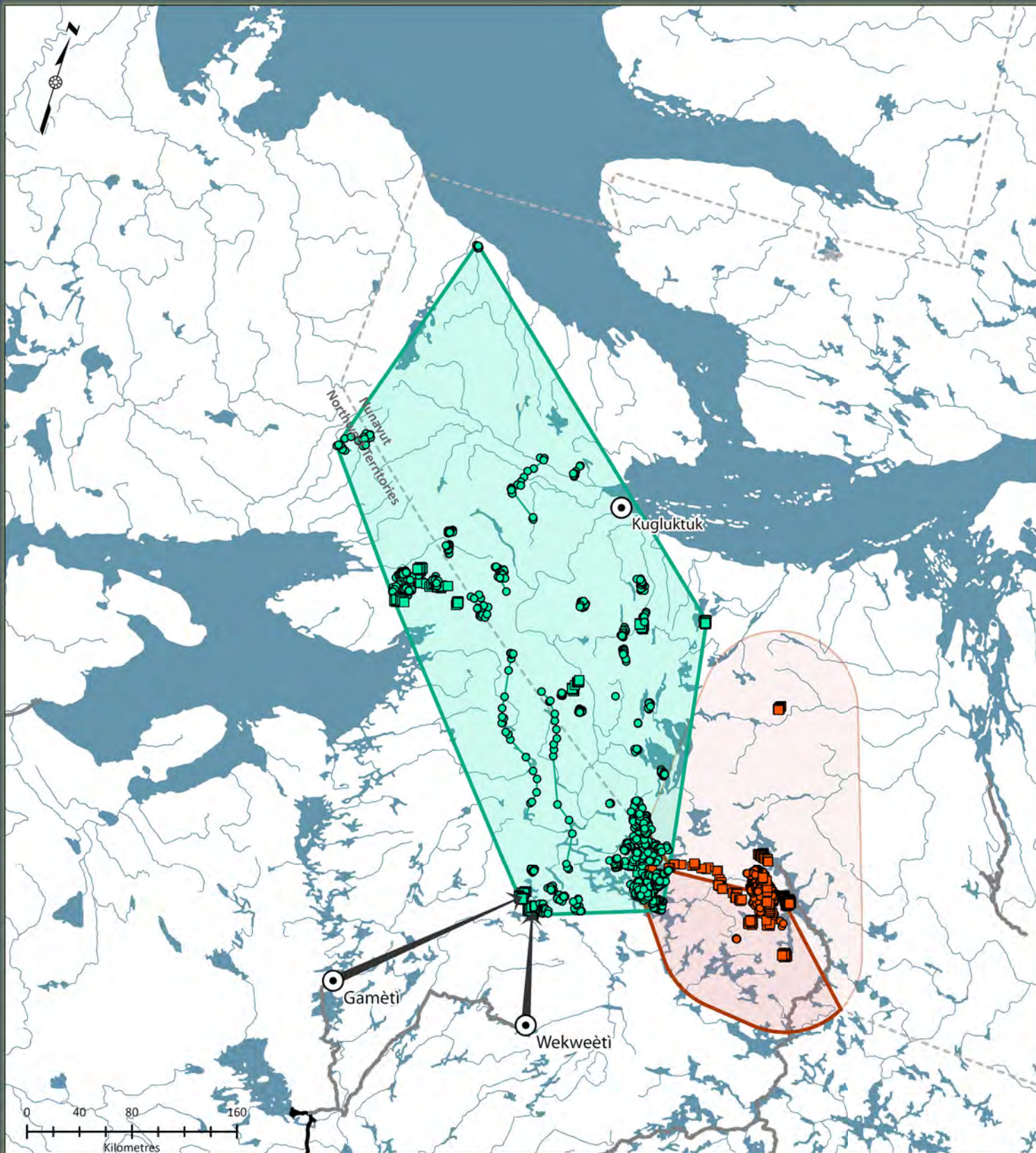
MCBCMZ Date: 2025-08-26

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

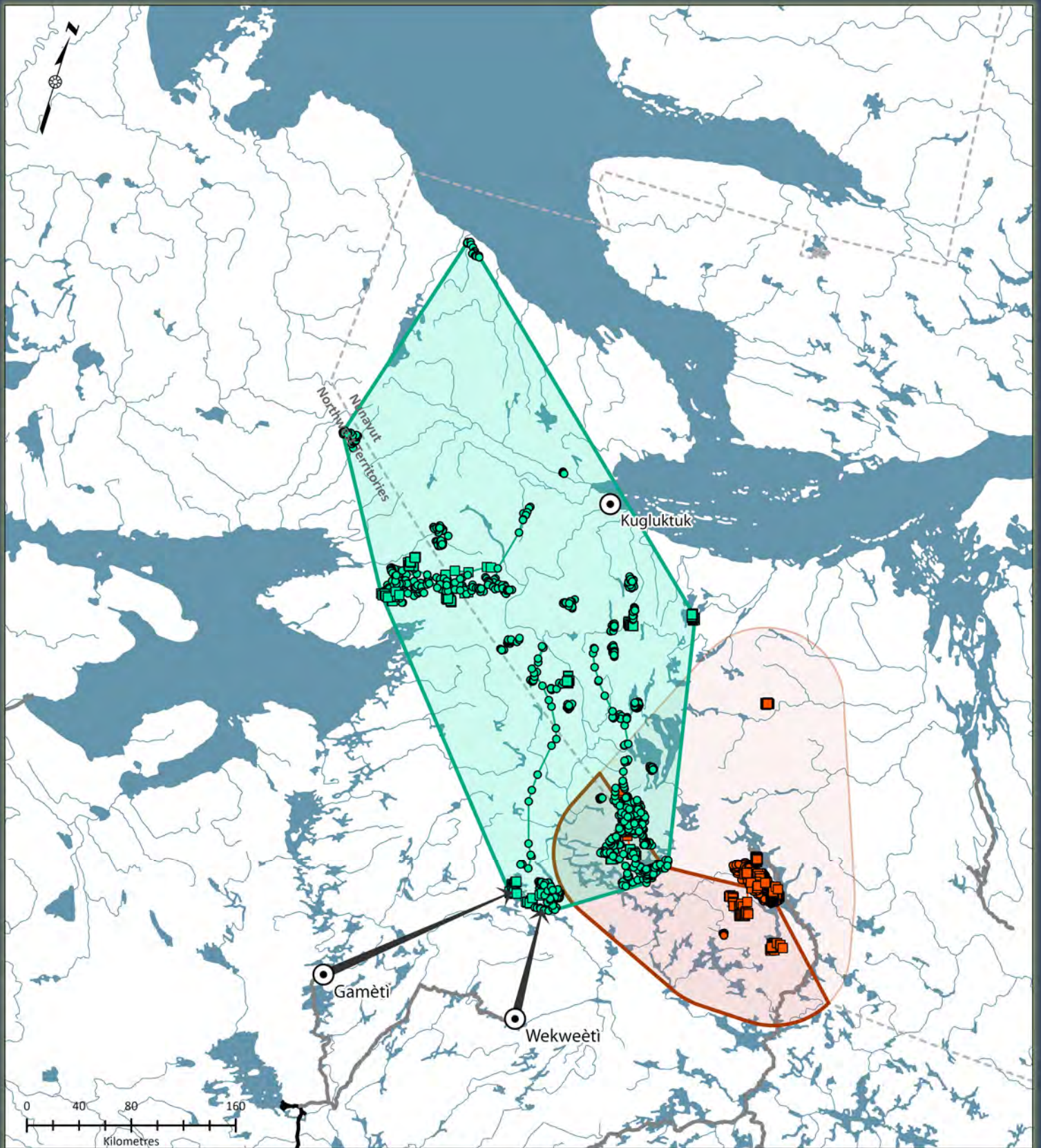
MCBCMZ Date: 2025-09-02

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

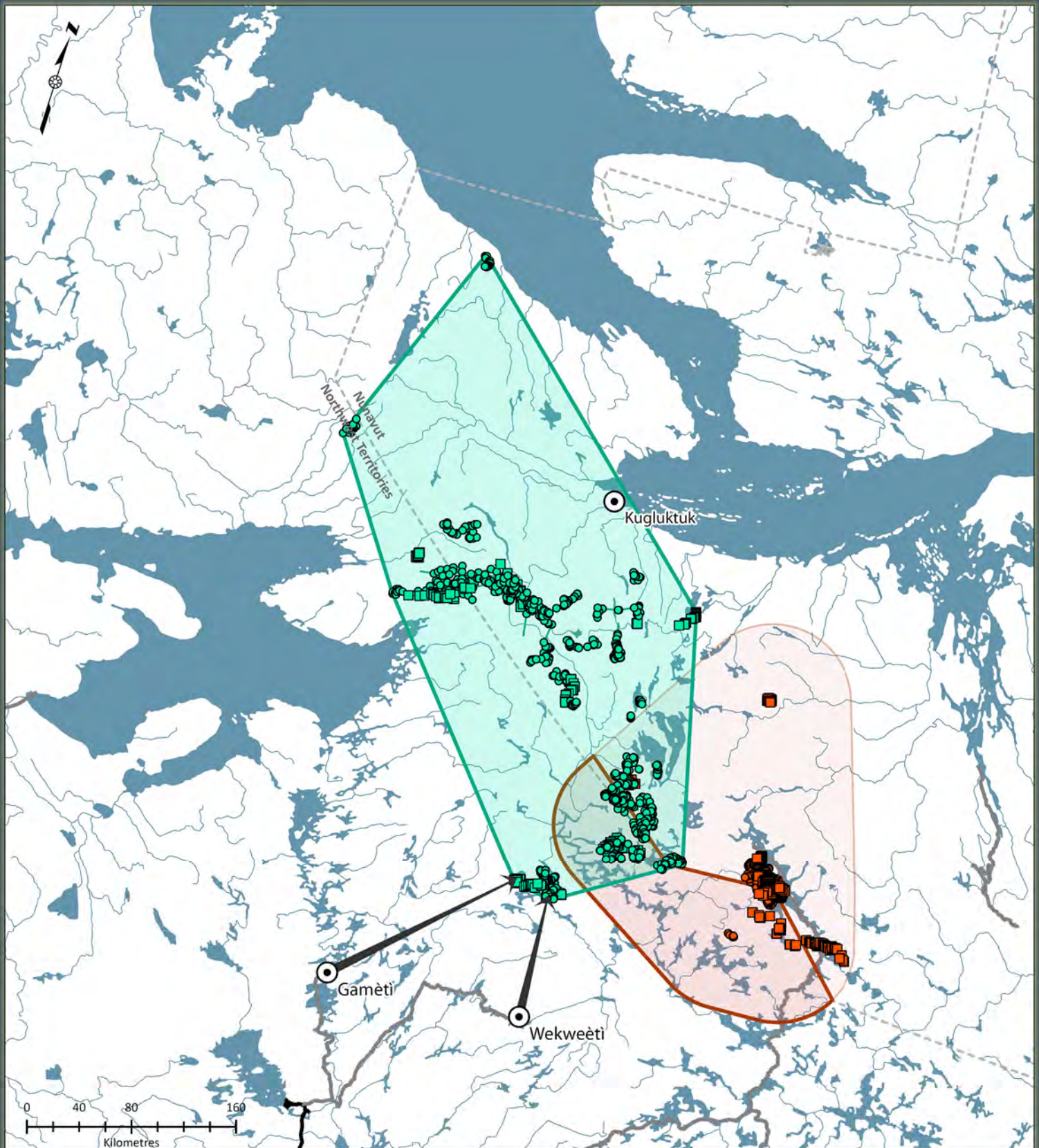
MCBCMZ Date: 2025-09-09

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

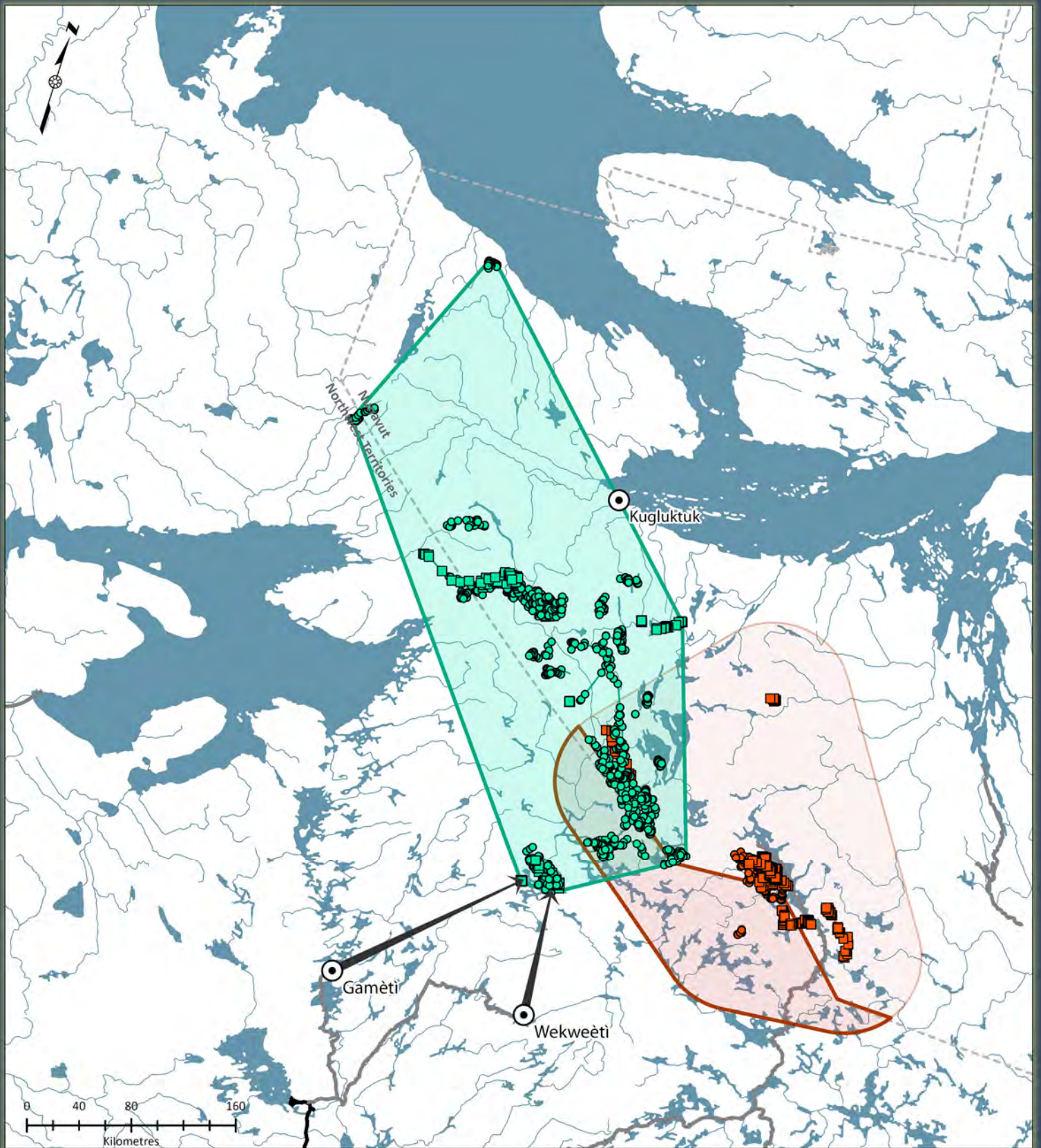
MCBCMZ Date: 2025-09-16

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

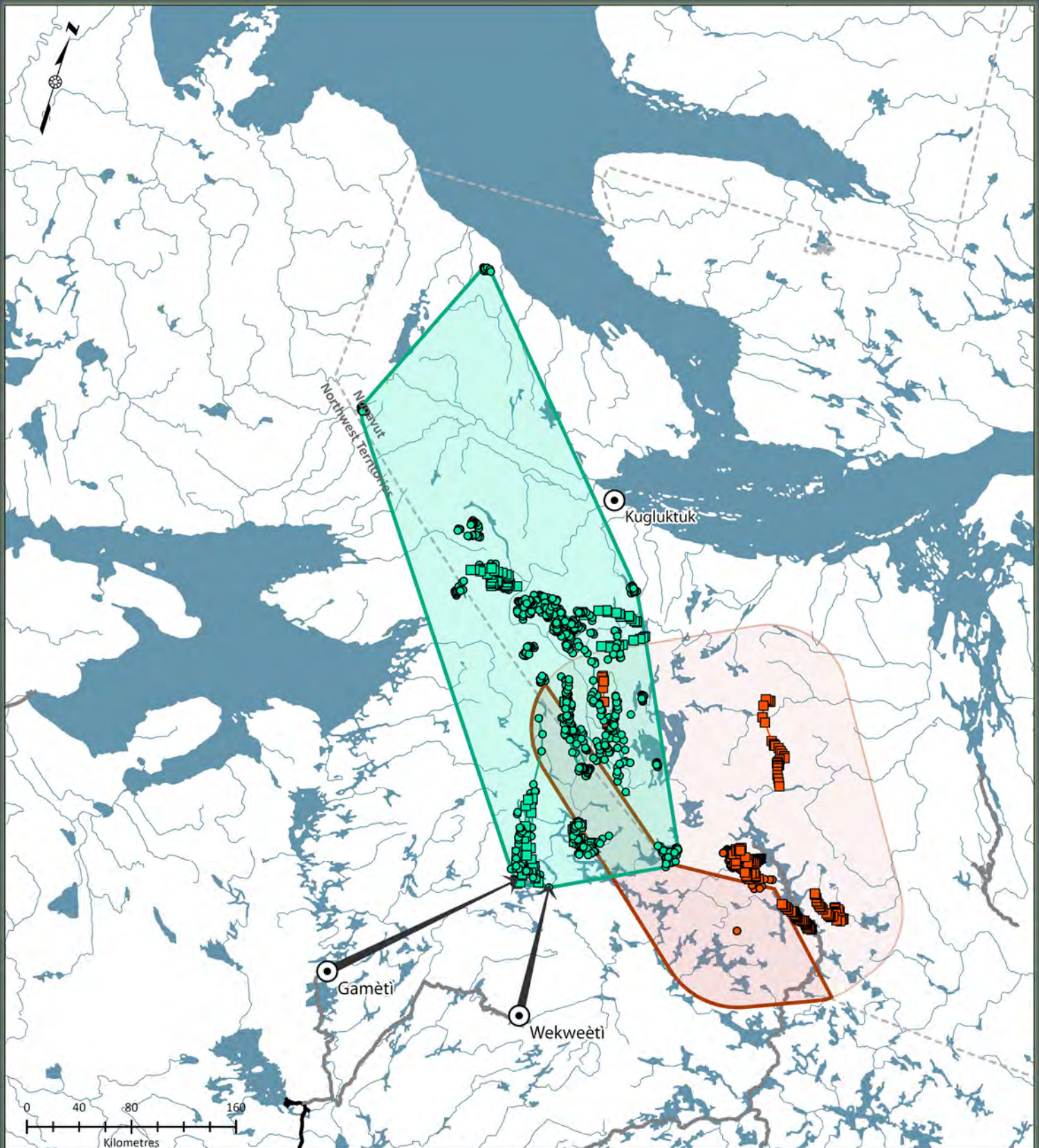
MCBCMZ Date: 2025-09-23

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

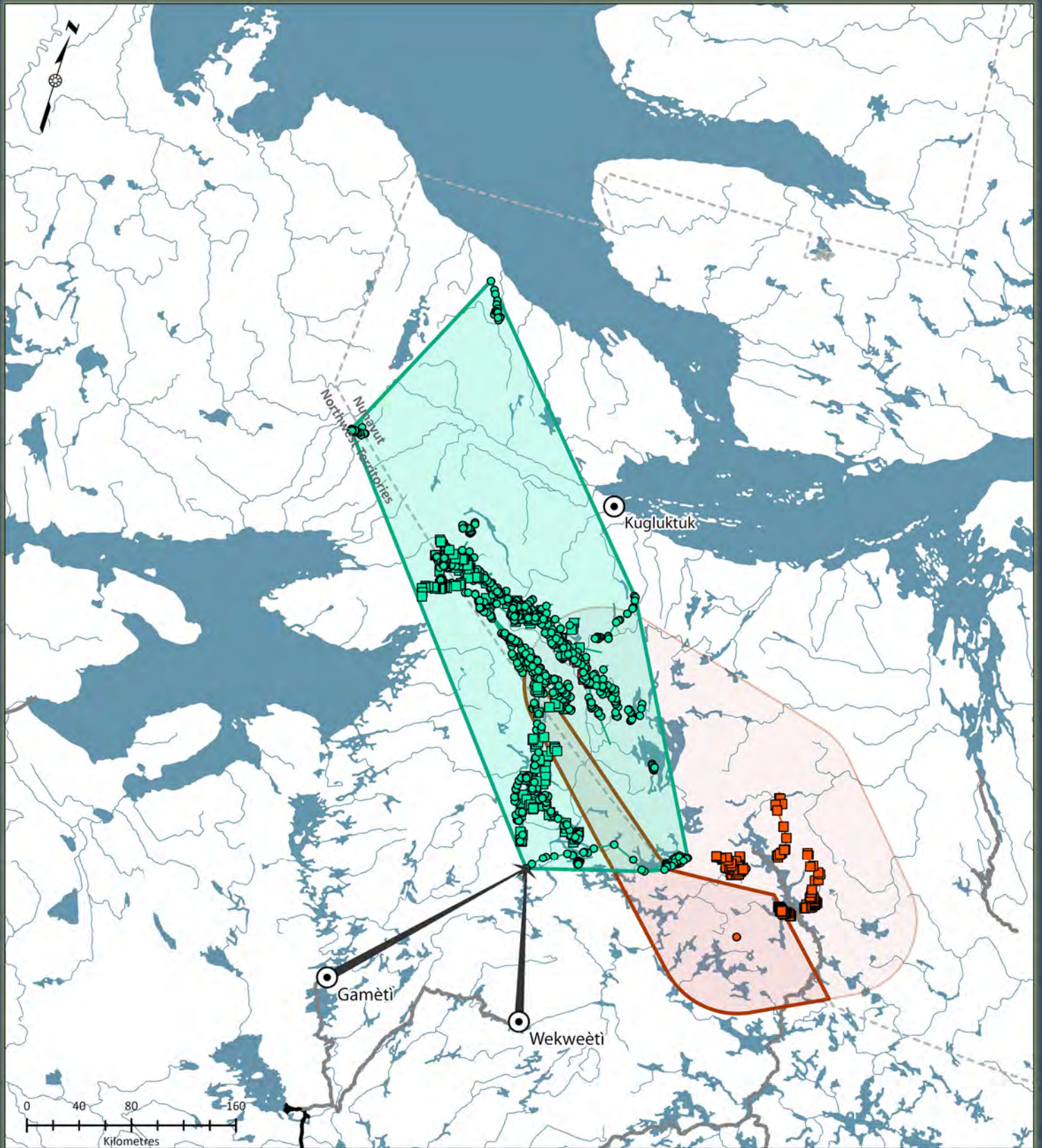
MCBCMZ Date: 2025-10-01

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

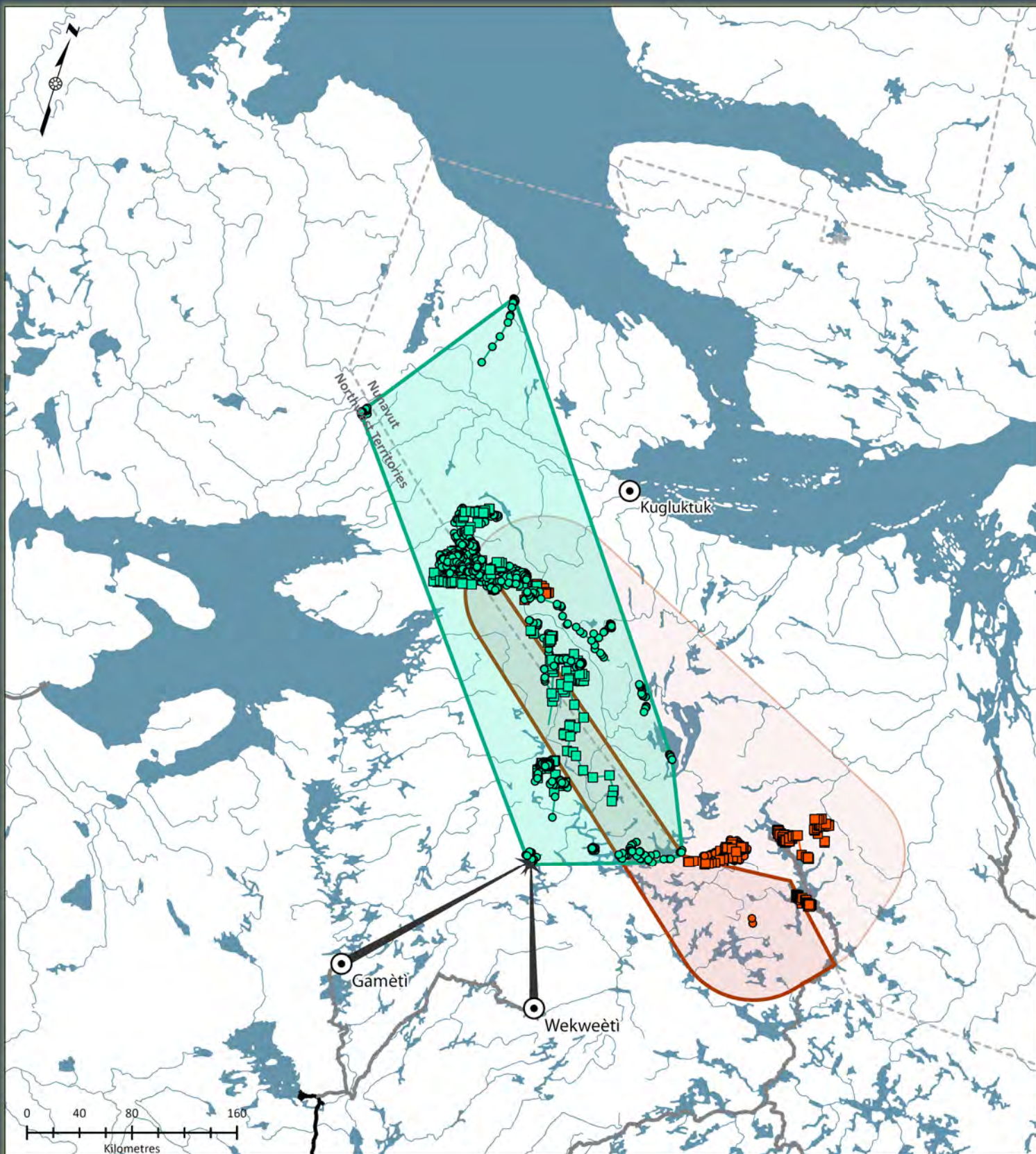
MCBCMZ Date: 2025-10-07

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue-nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue-nose-East, Female

Blue-nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue-nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

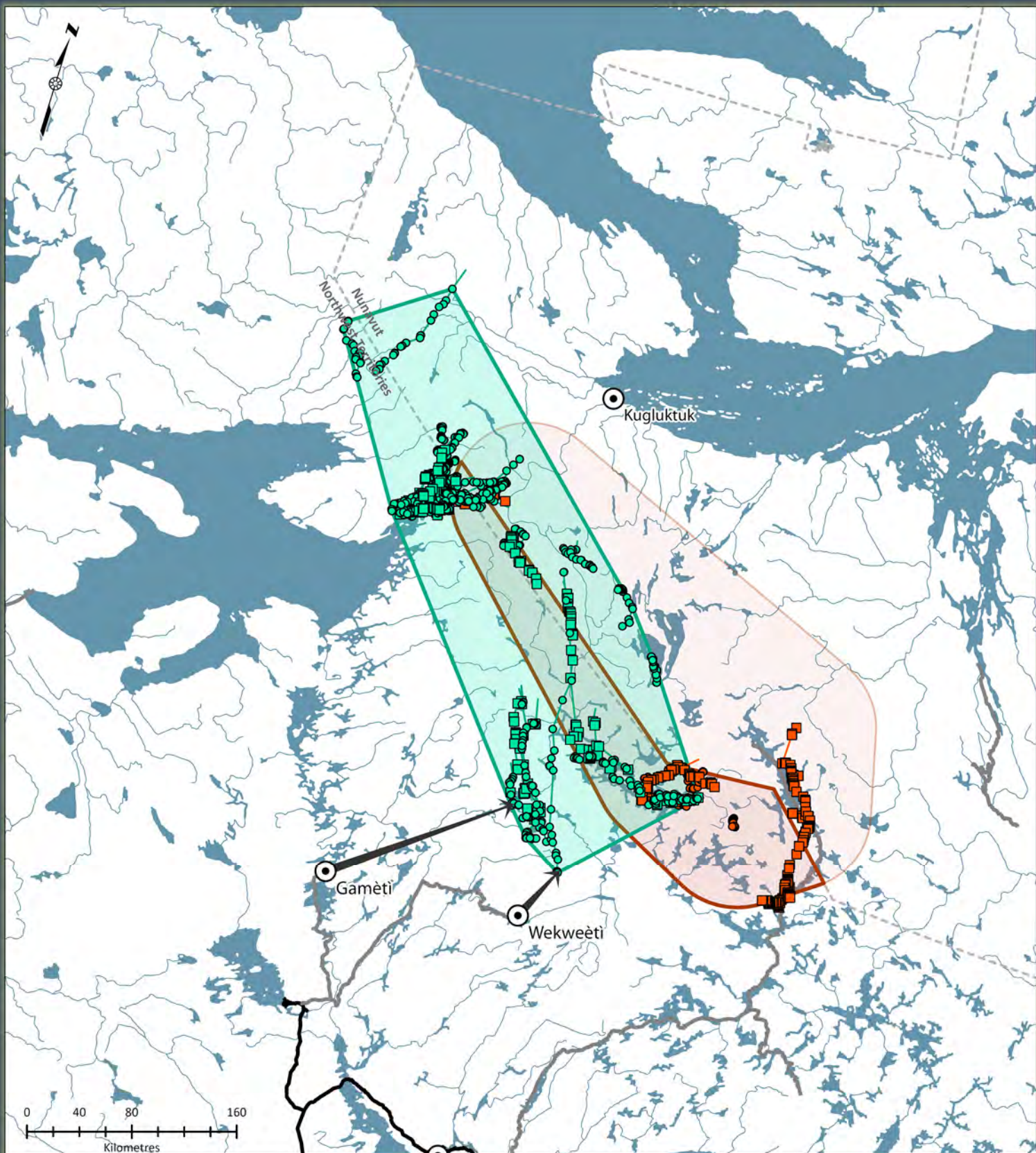
MCBCMZ Date: 2025-10-14

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

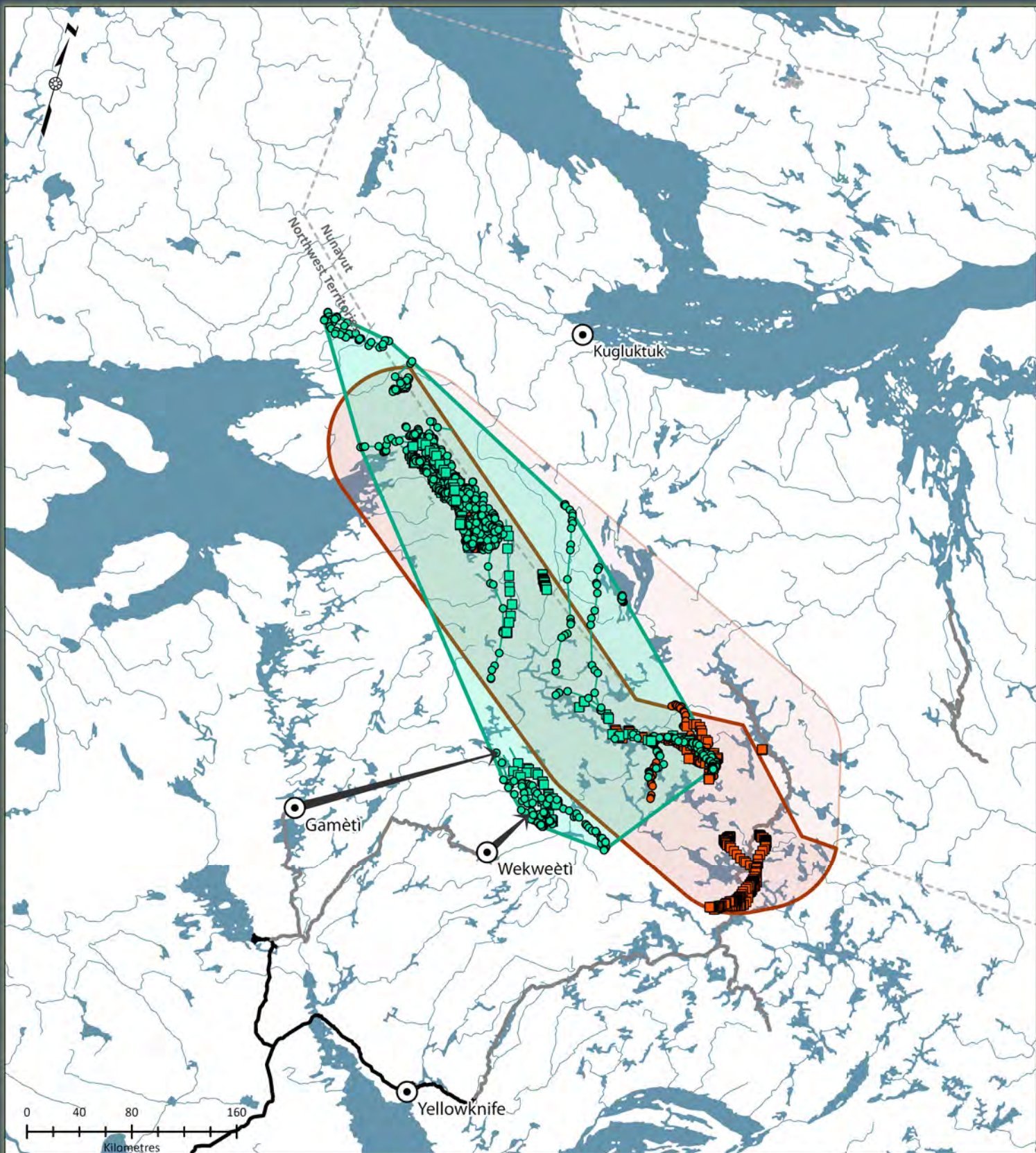
MCBCMZ Date: 2025-10-21

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

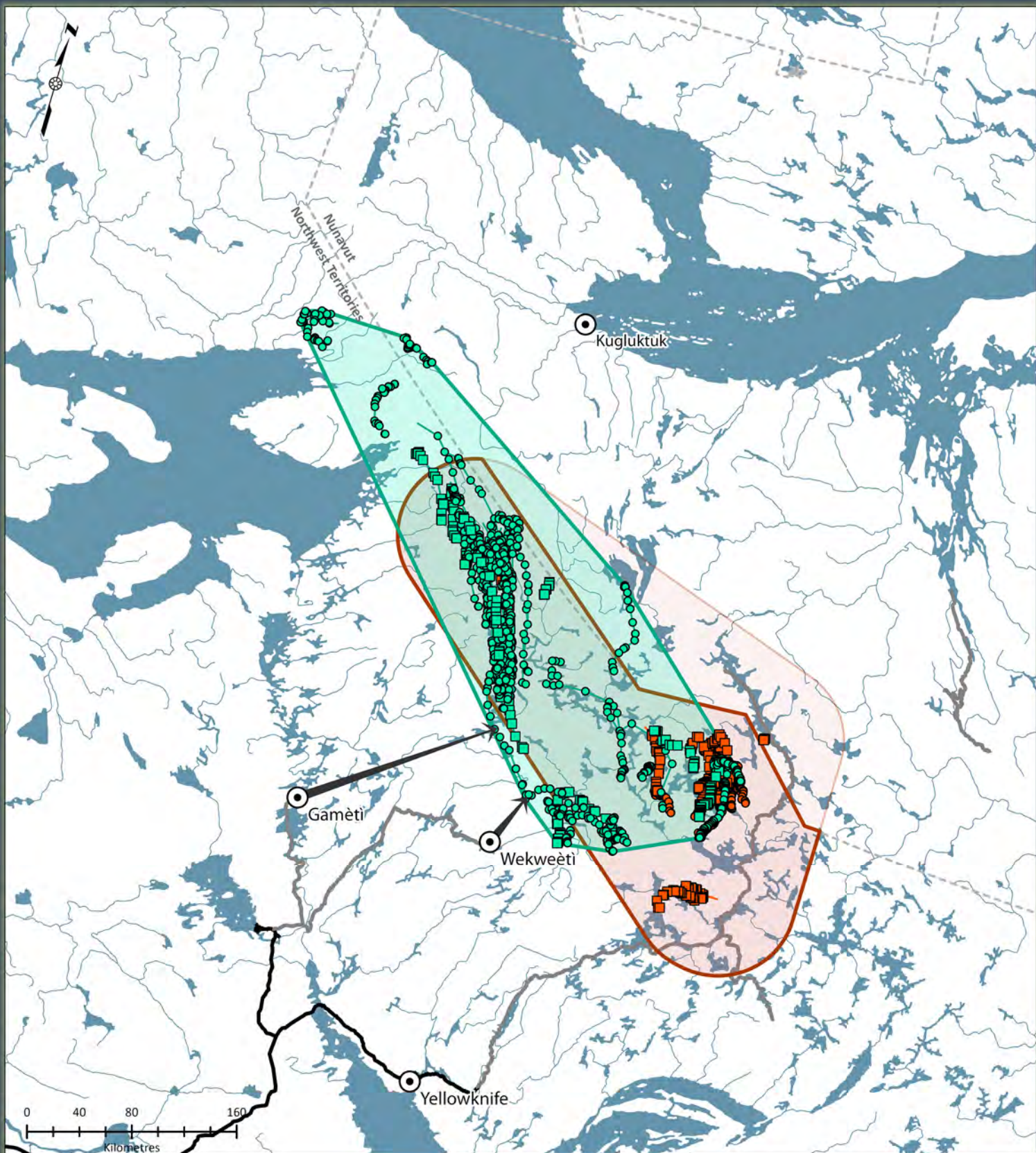
MCBCMZ Date: 2025-10-28

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

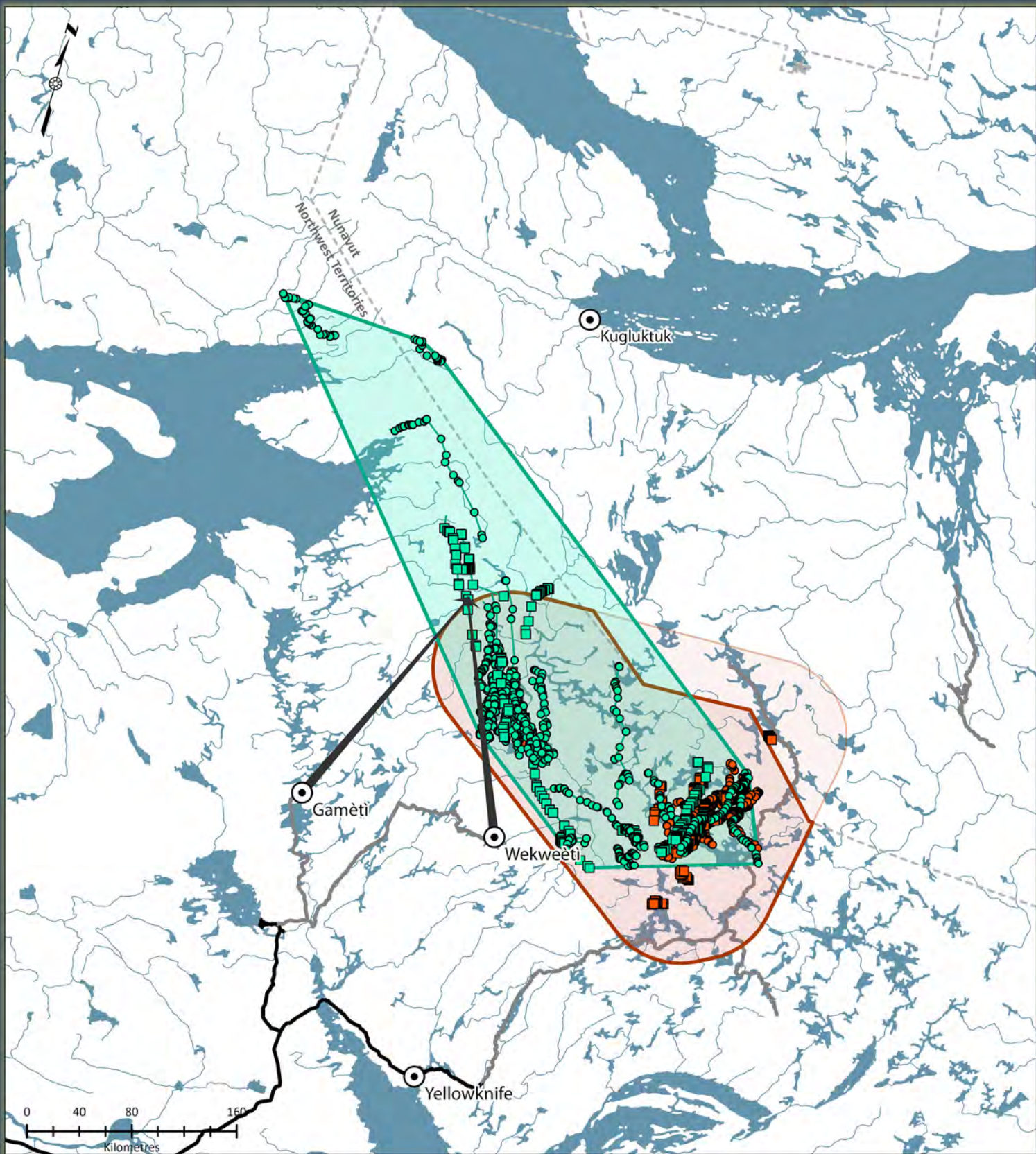
MCBCMZ Date: 2025-11-04

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

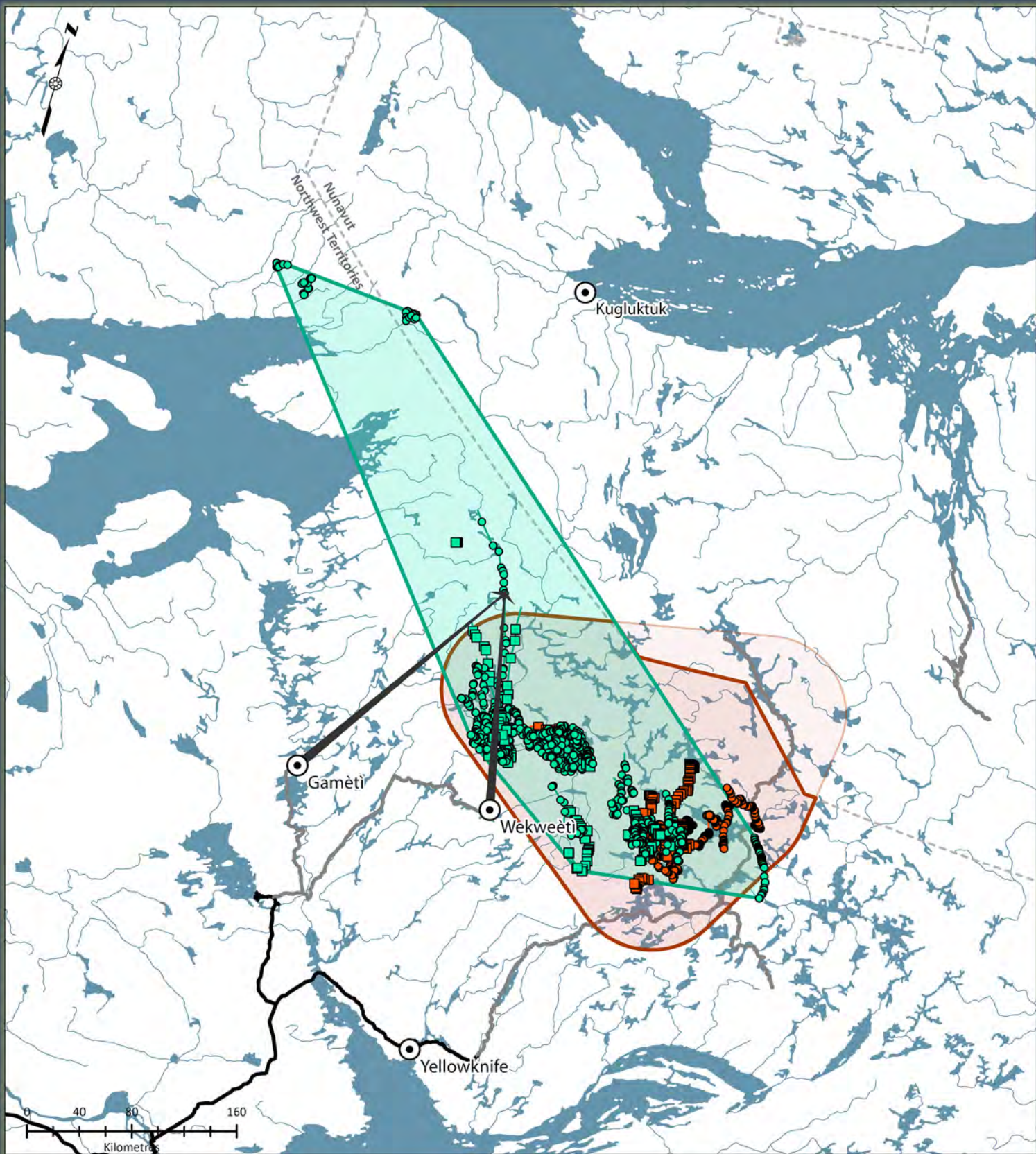
MCBCMZ Date: 2025-11-11

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

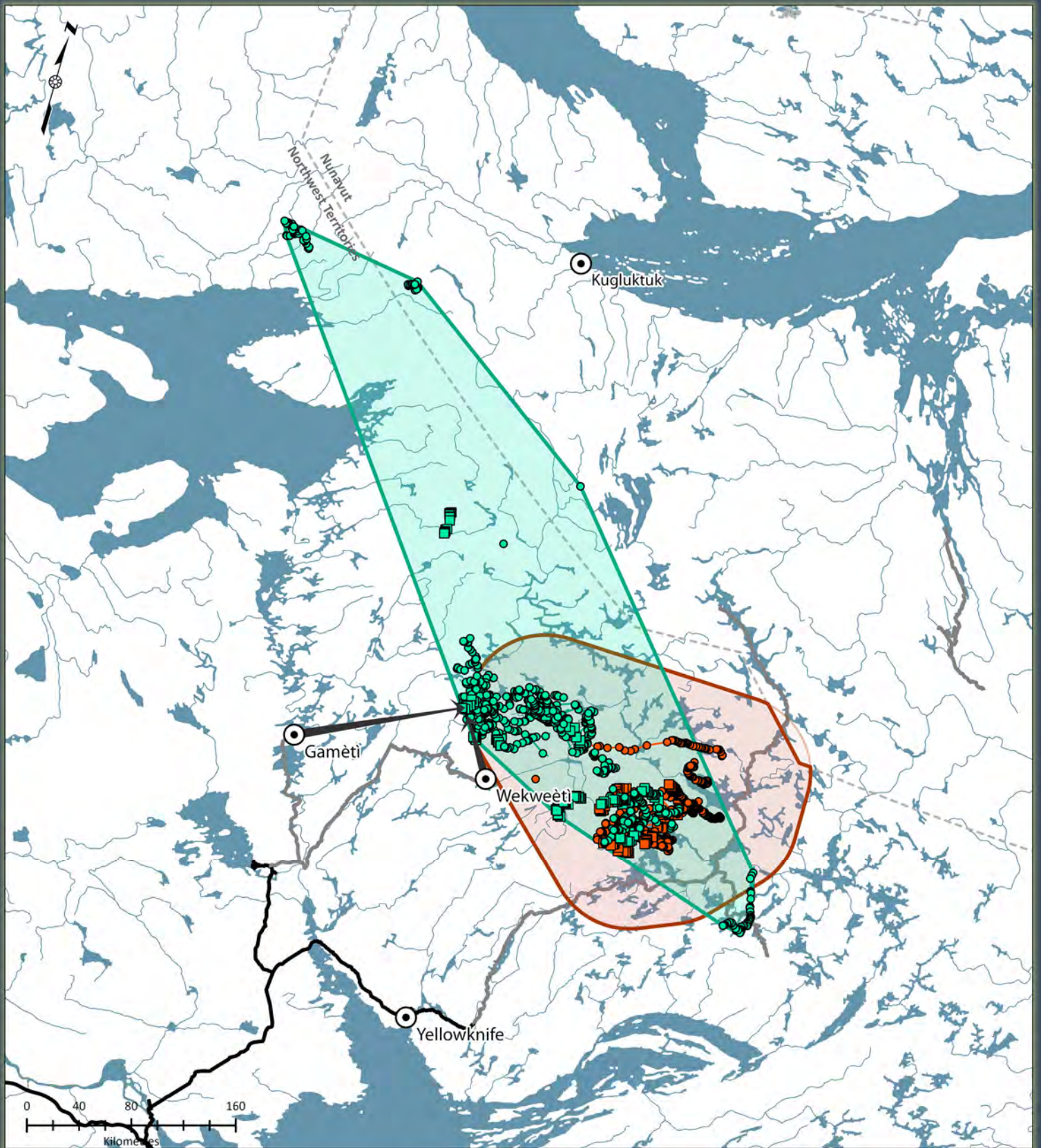
MCBCMZ Date: 2025-11-18

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

McBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the McBCMZ

McBCMZ Time Series Analysis

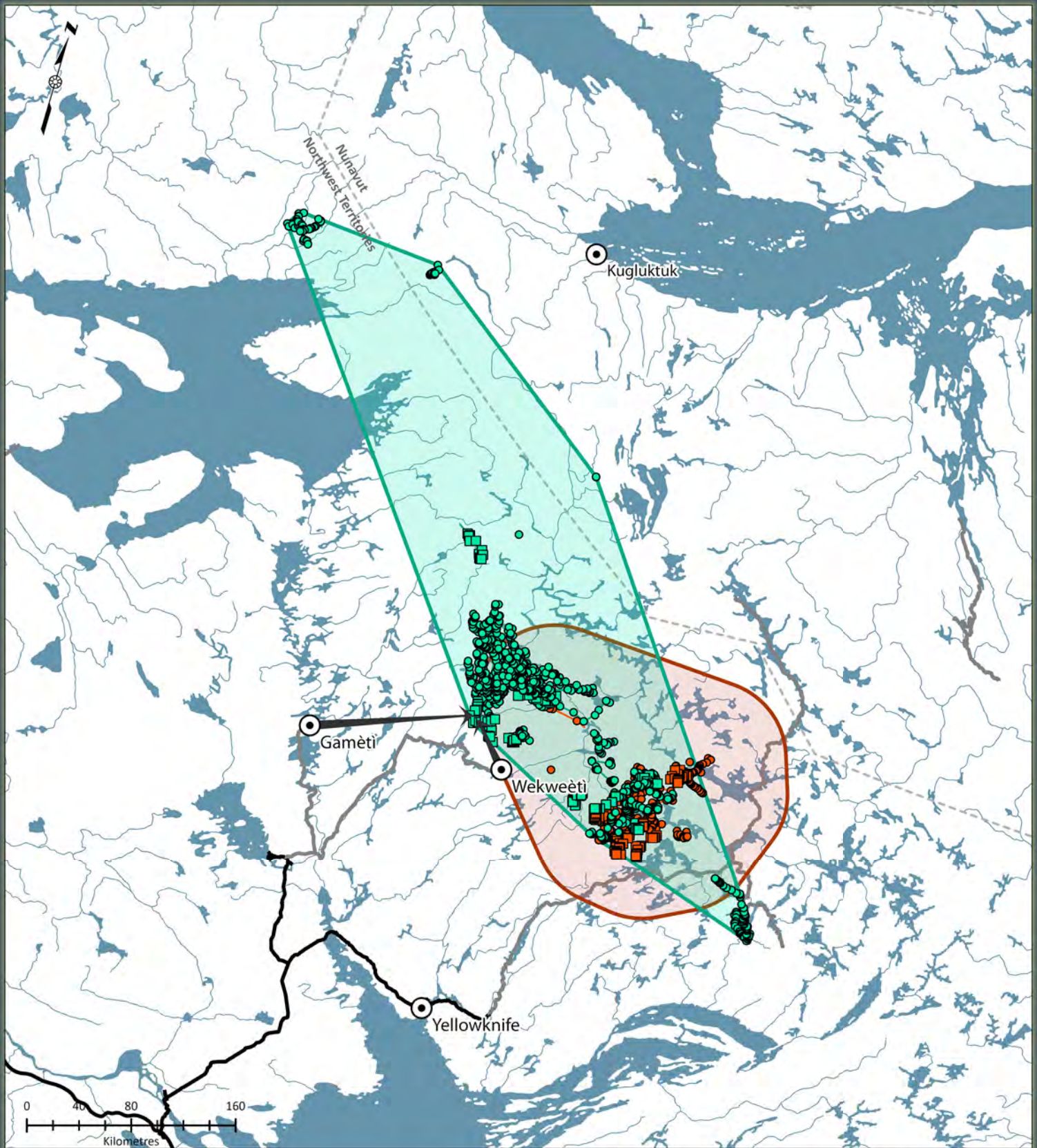
McBCMZ Date: 2025-11-25

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

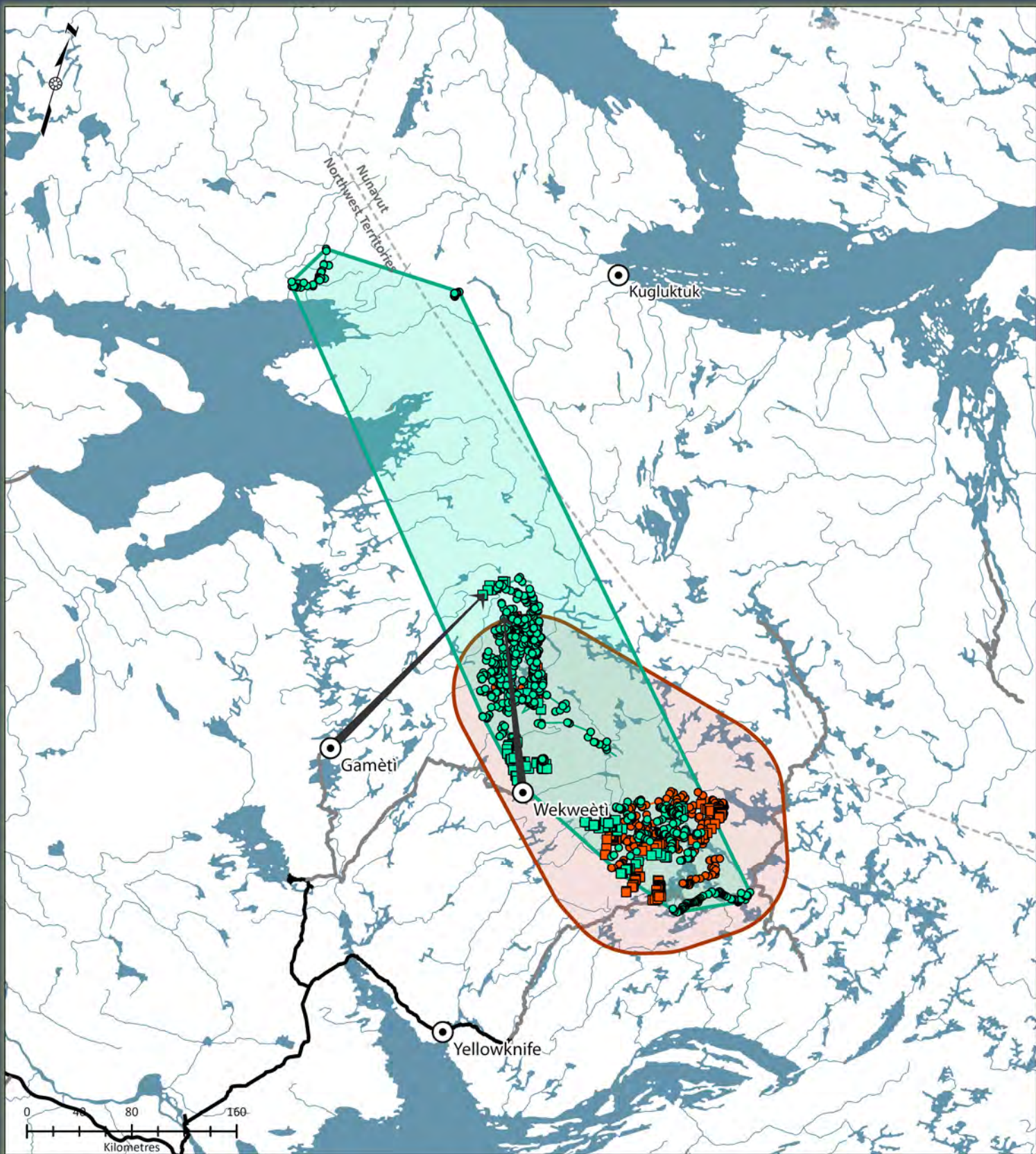
MCBCMZ Date: 2025-12-02

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

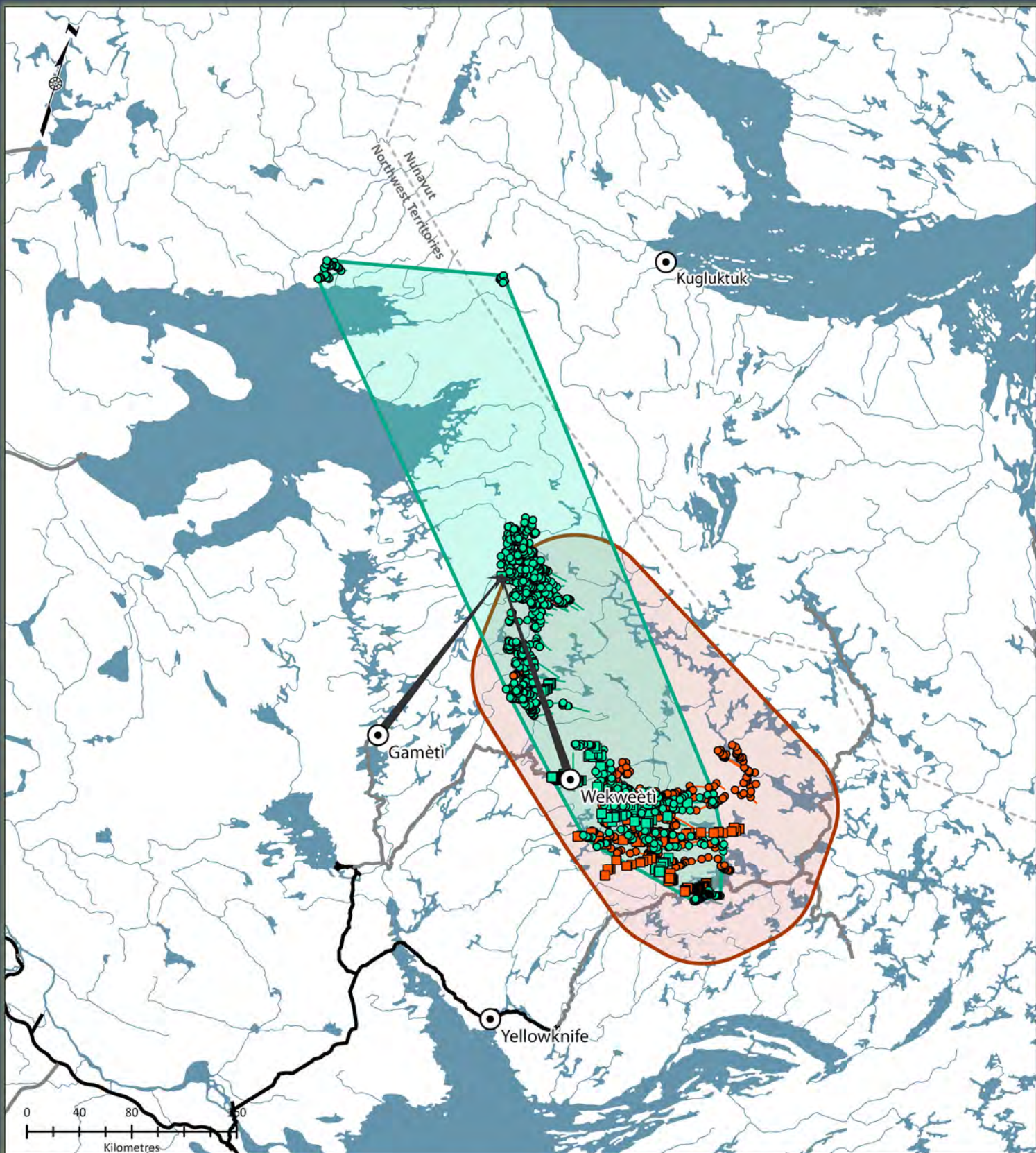
MCBCMZ Date: 2025-12-09

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

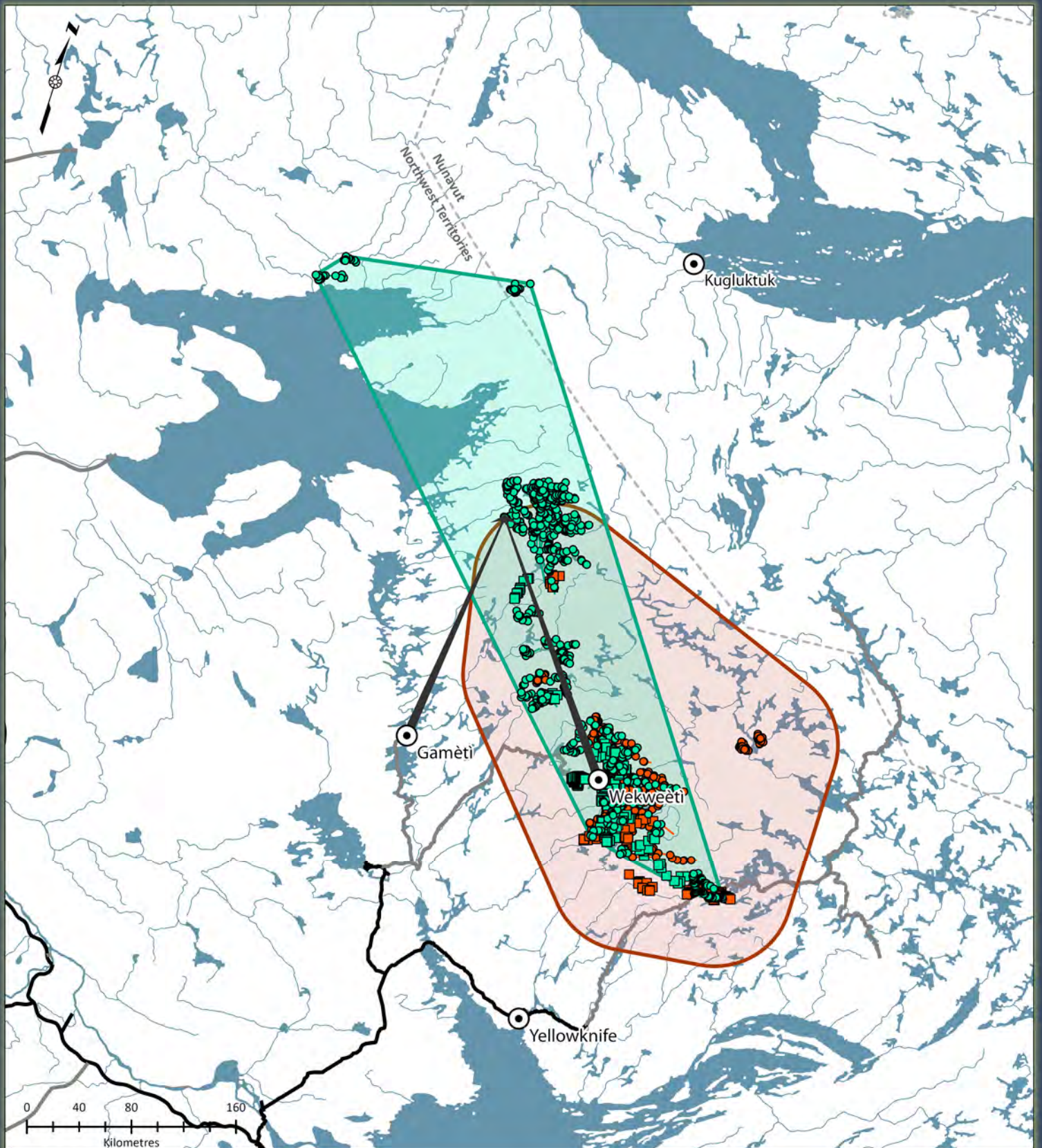
MCBCMZ Date: 2025-12-16

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

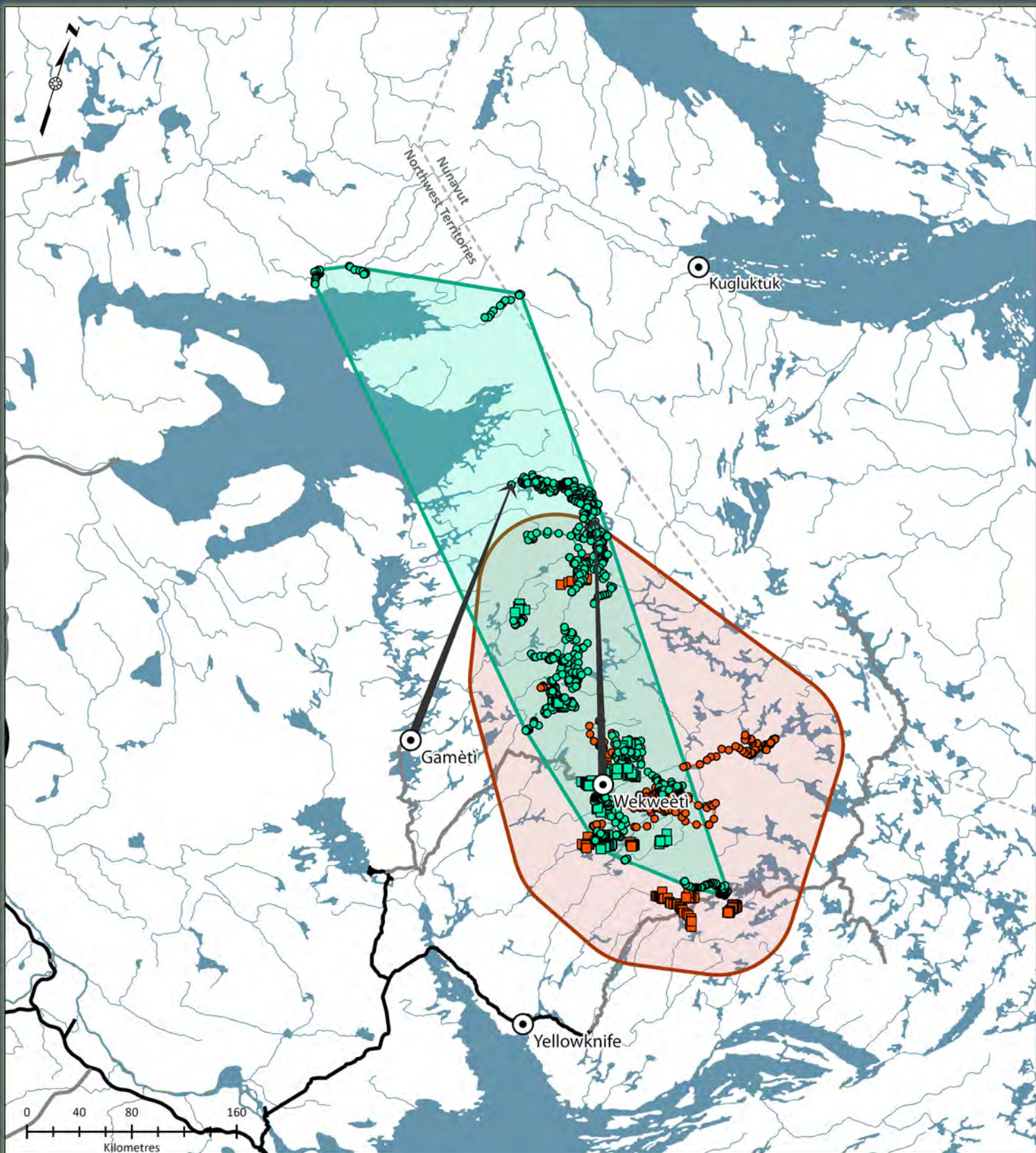
MCBCMZ Date: 2025-12-23

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

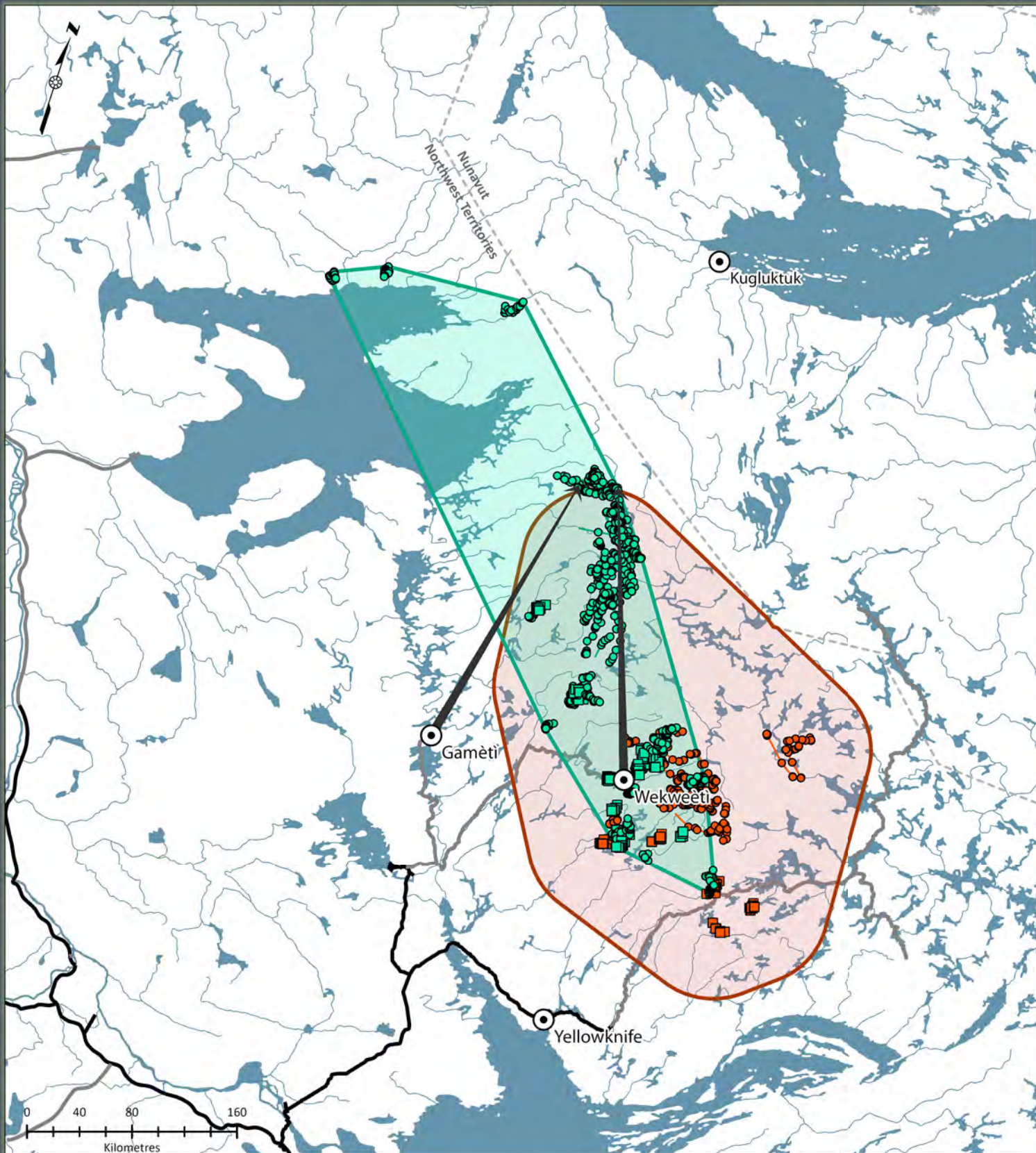
MCBCMZ Date: 2025-12-30

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

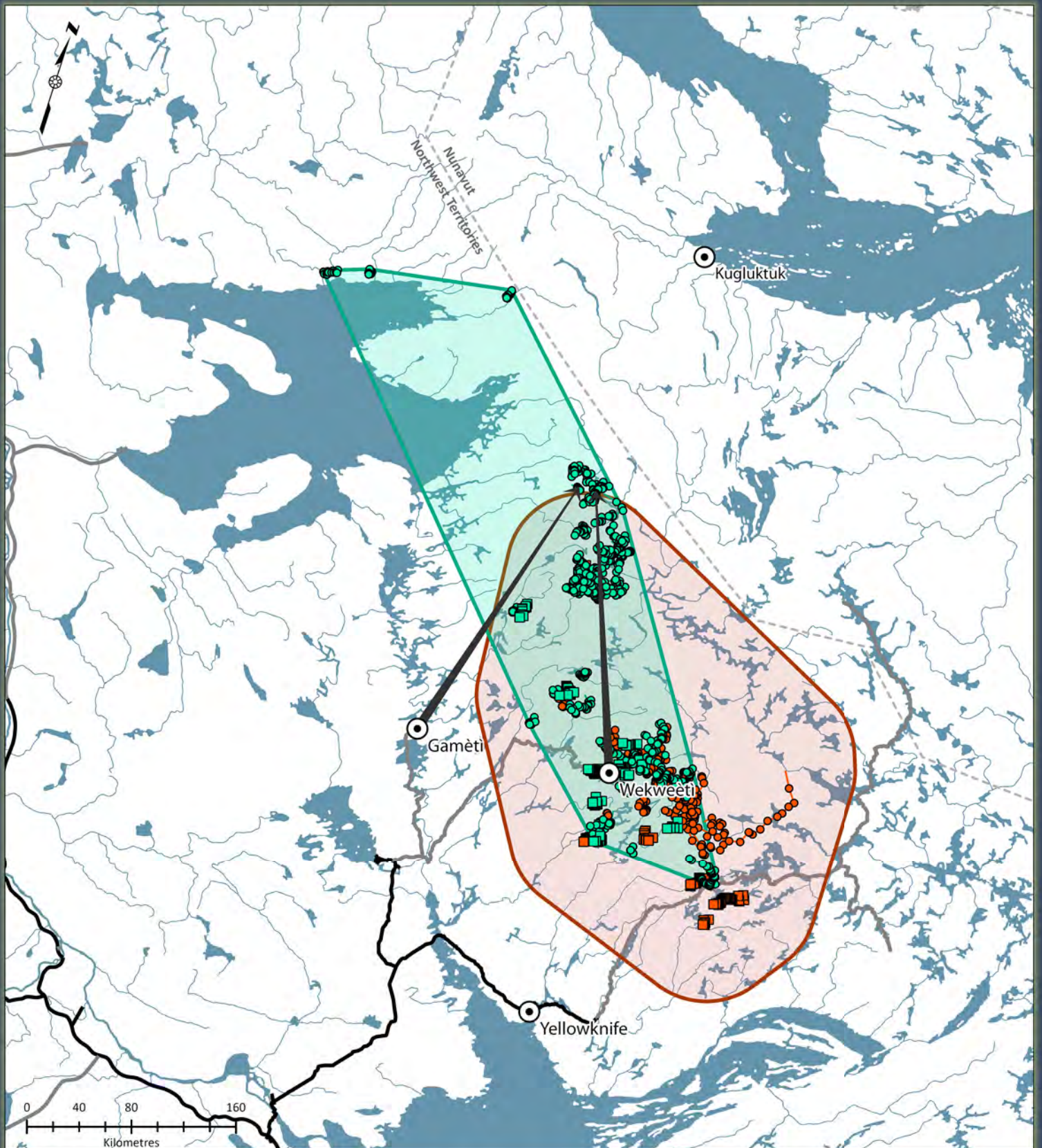
MCBCMZ Date: 2026-01-06

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

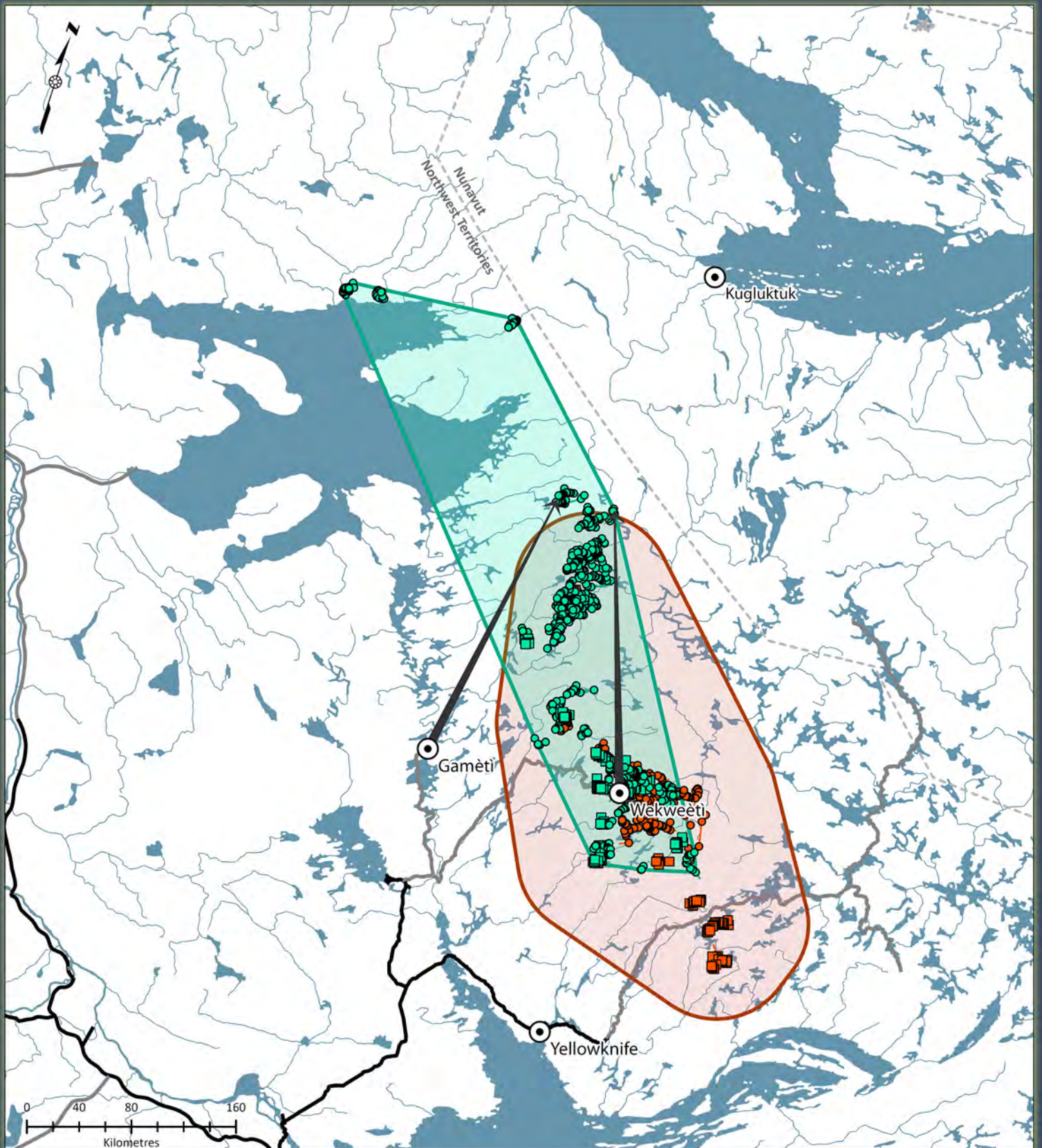
MCBCMZ Date: 2026-01-13

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

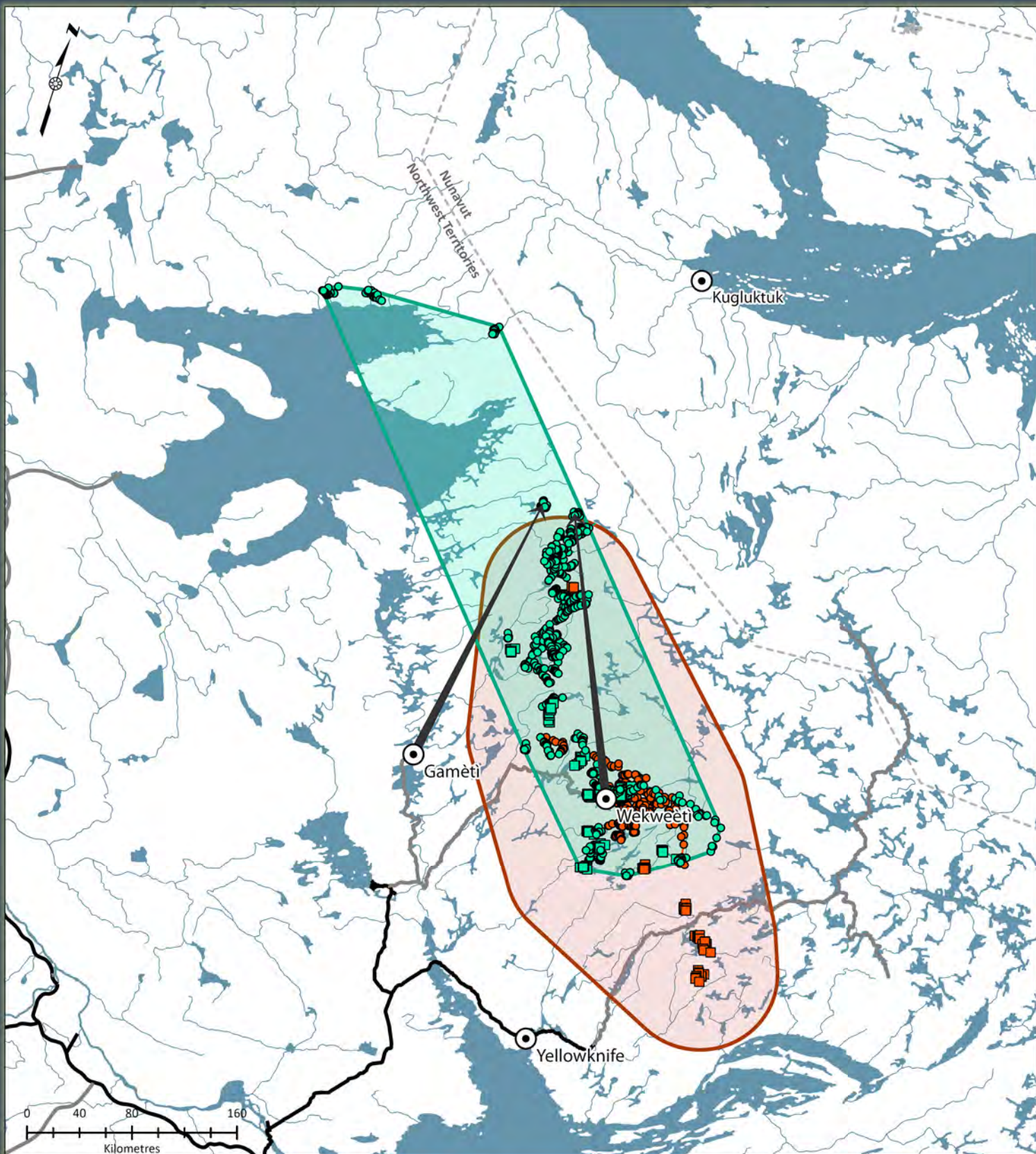
MCBCMZ Date: 2026-01-20

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

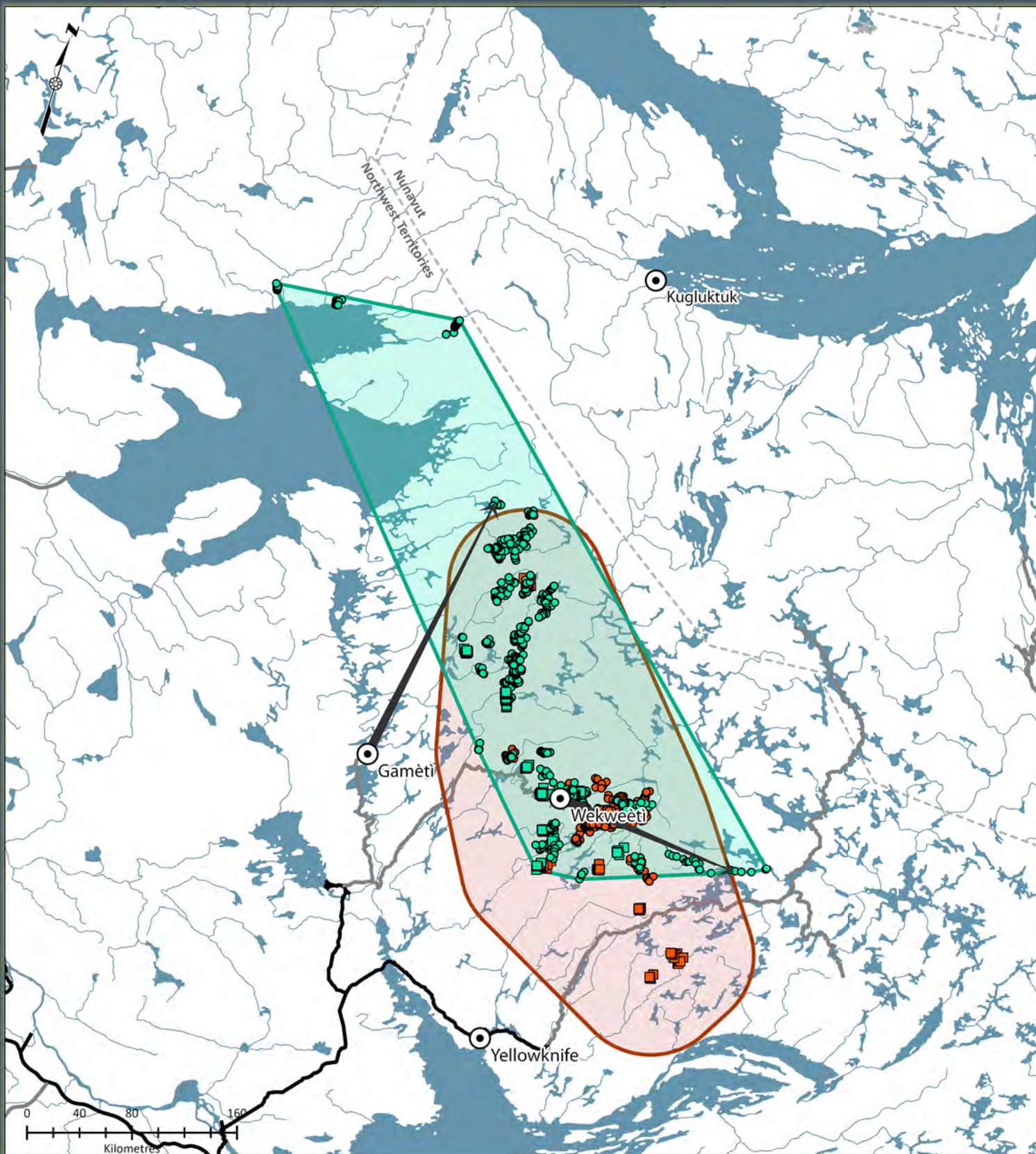
MCBCMZ Date: 2026-01-27

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

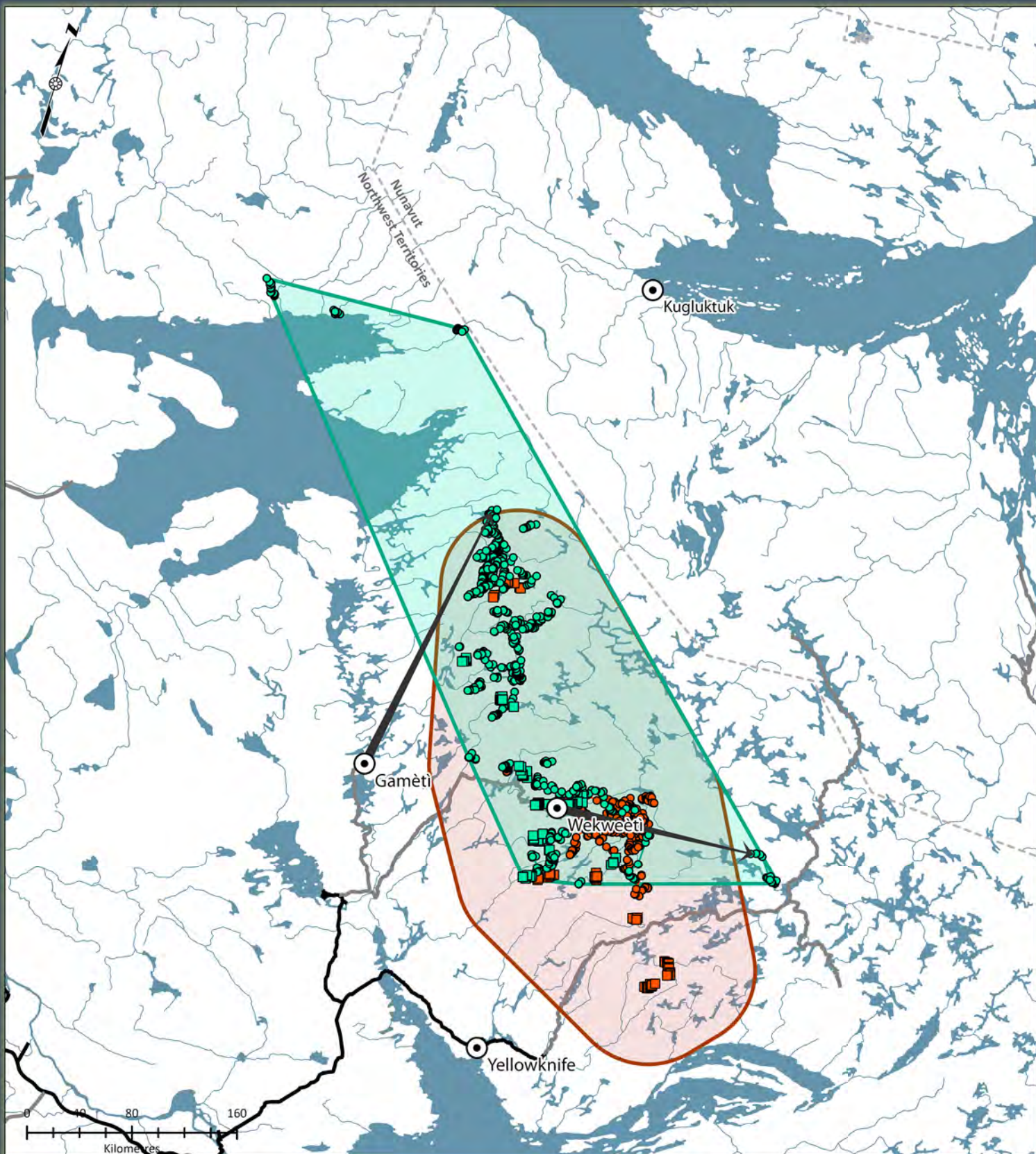
MCBCMZ Date: 2026-02-03

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

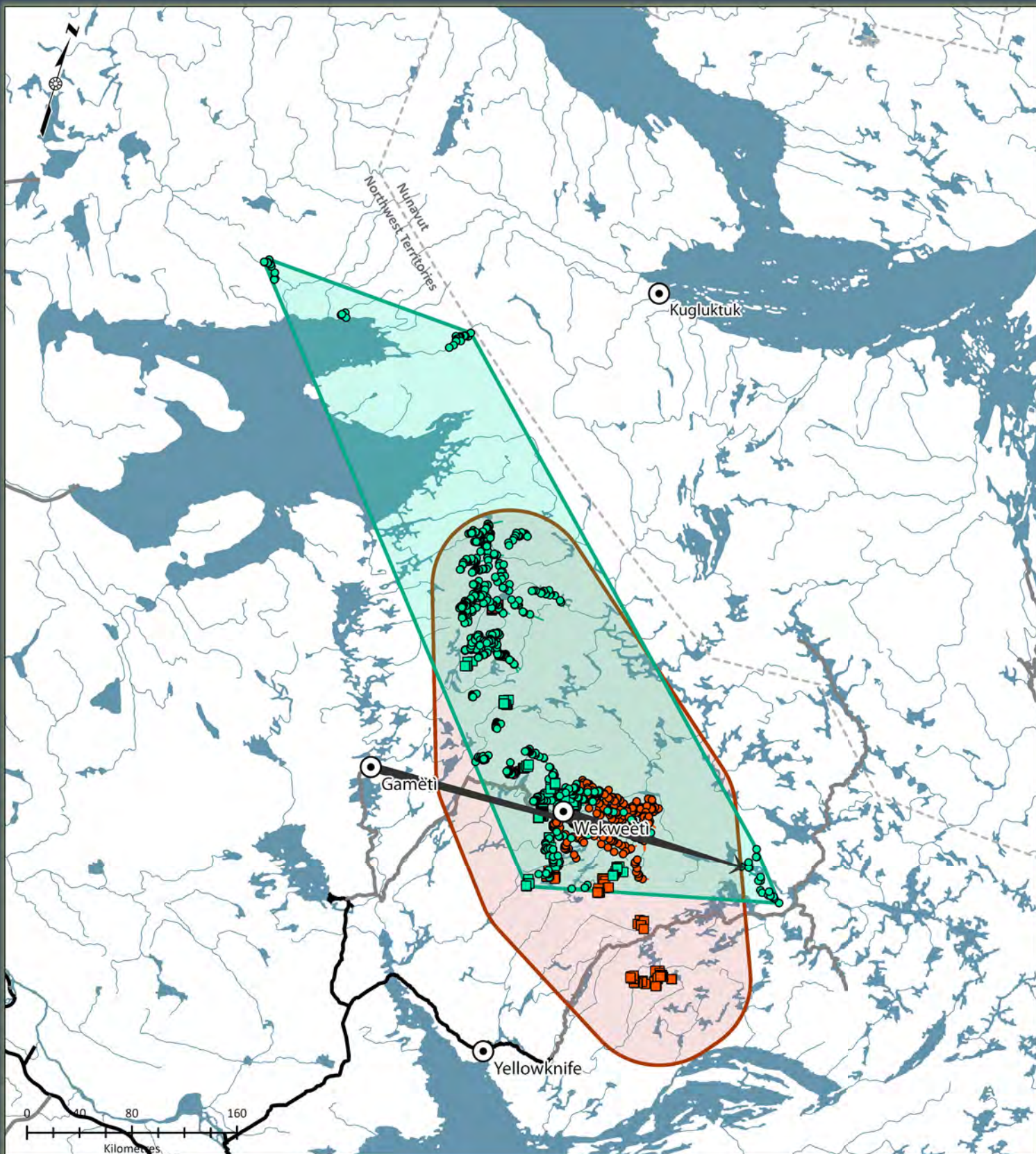
MCBCMZ Date: 2026-02-10

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

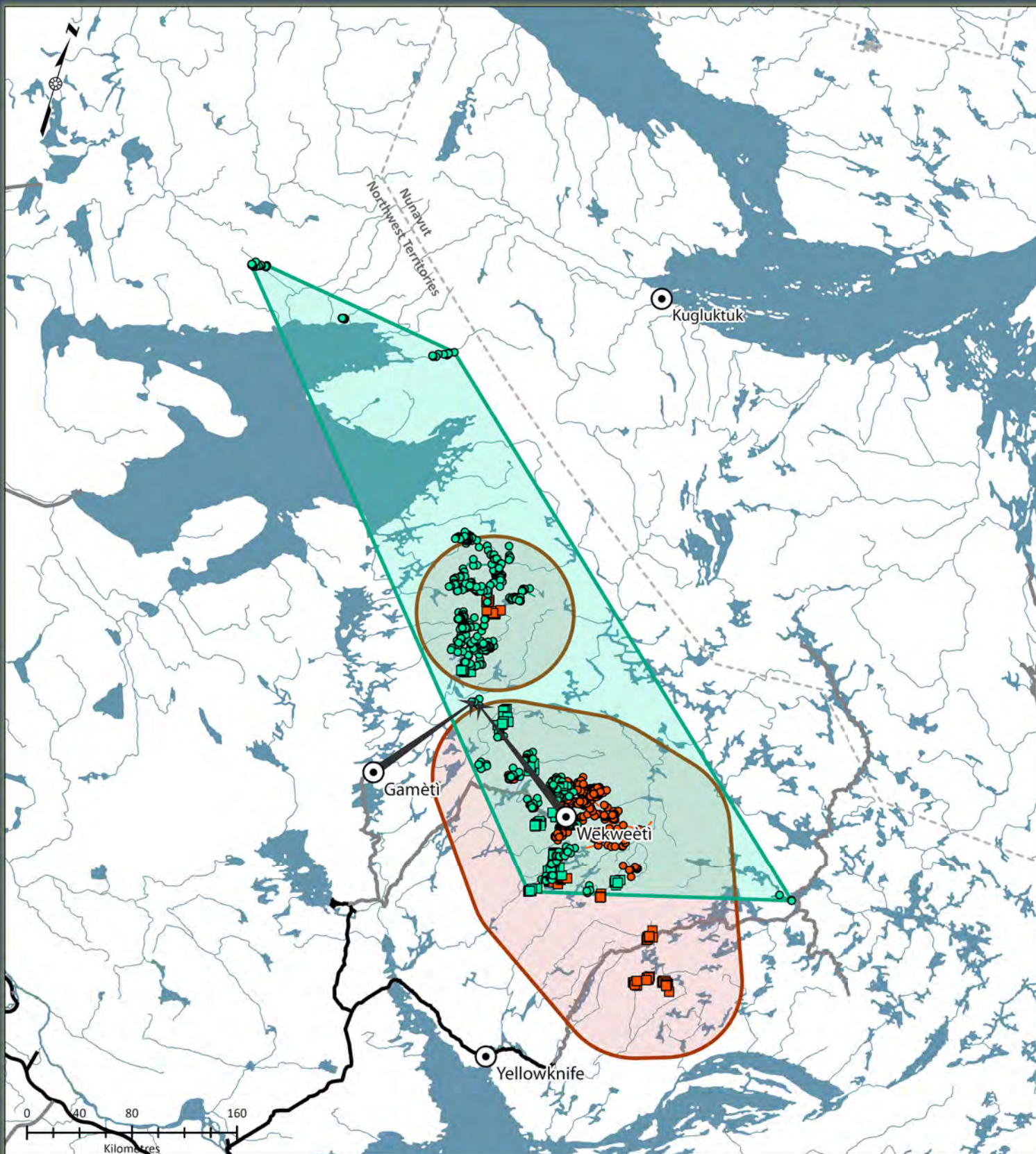
MCBCMZ Date: 2026-02-17

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

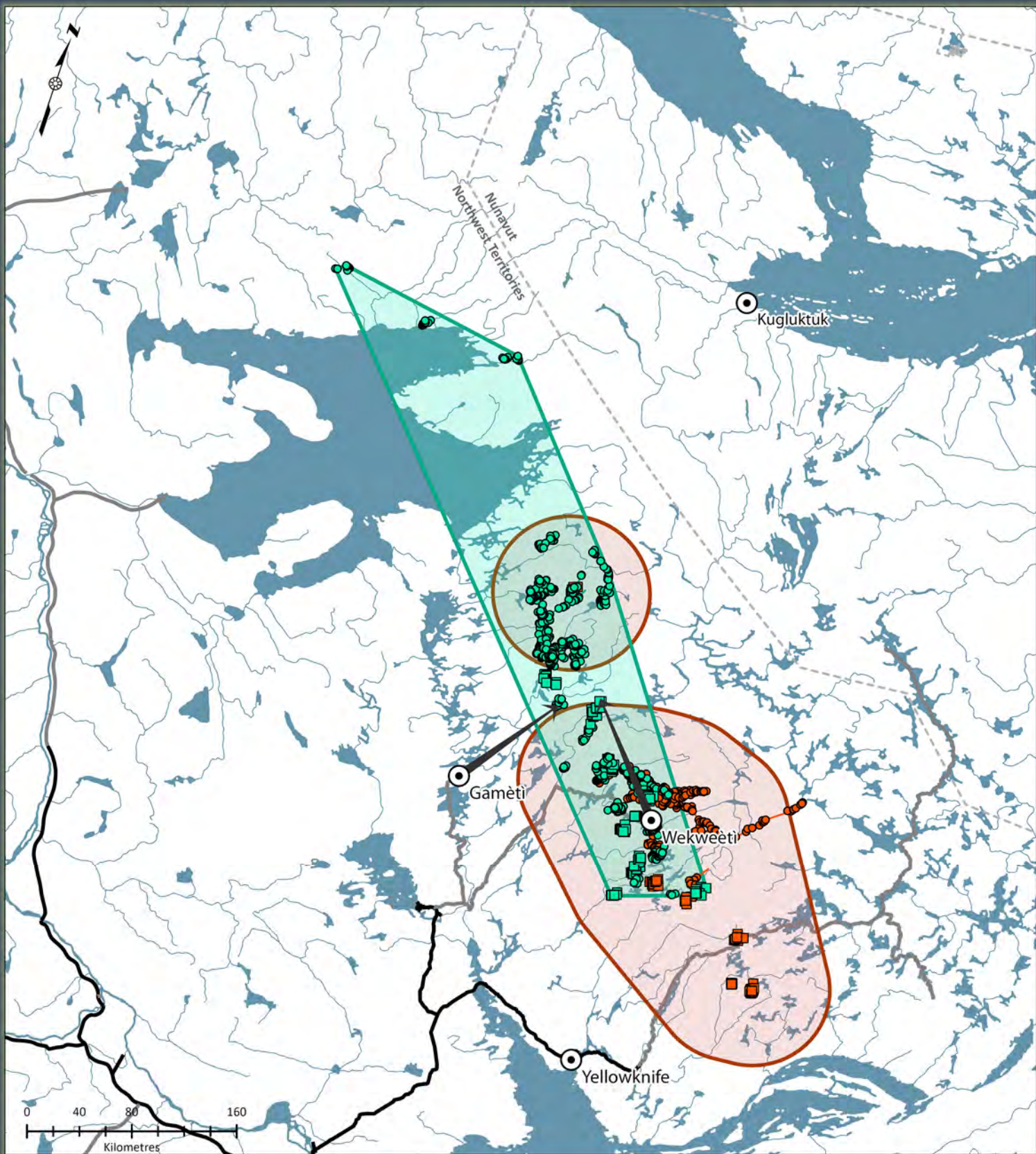
MCBCMZ Date: 2026-02-24

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

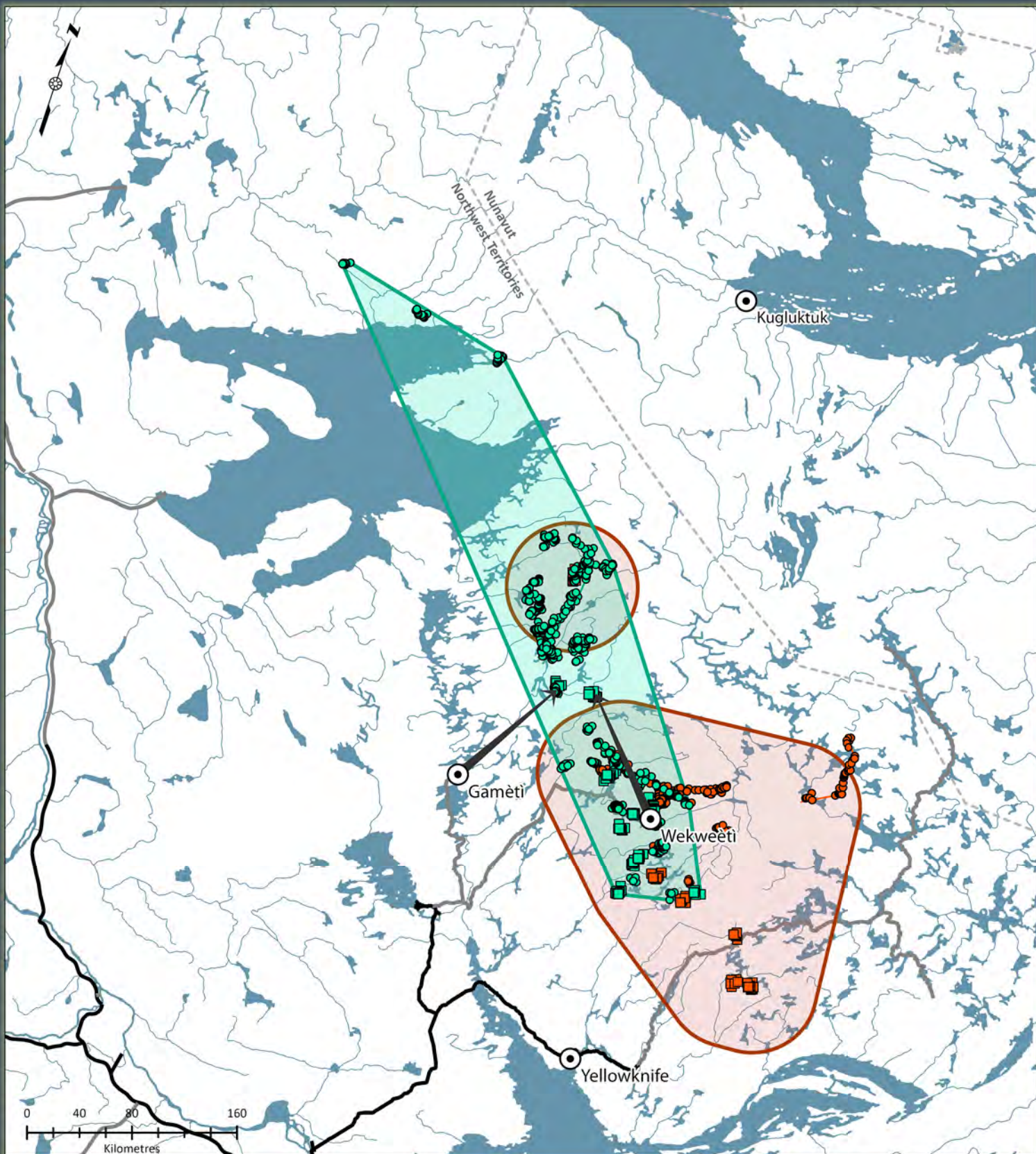
MCBCMZ Date: 2026-03-03

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue-nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue-nose-East, Female

Blue-nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue-nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

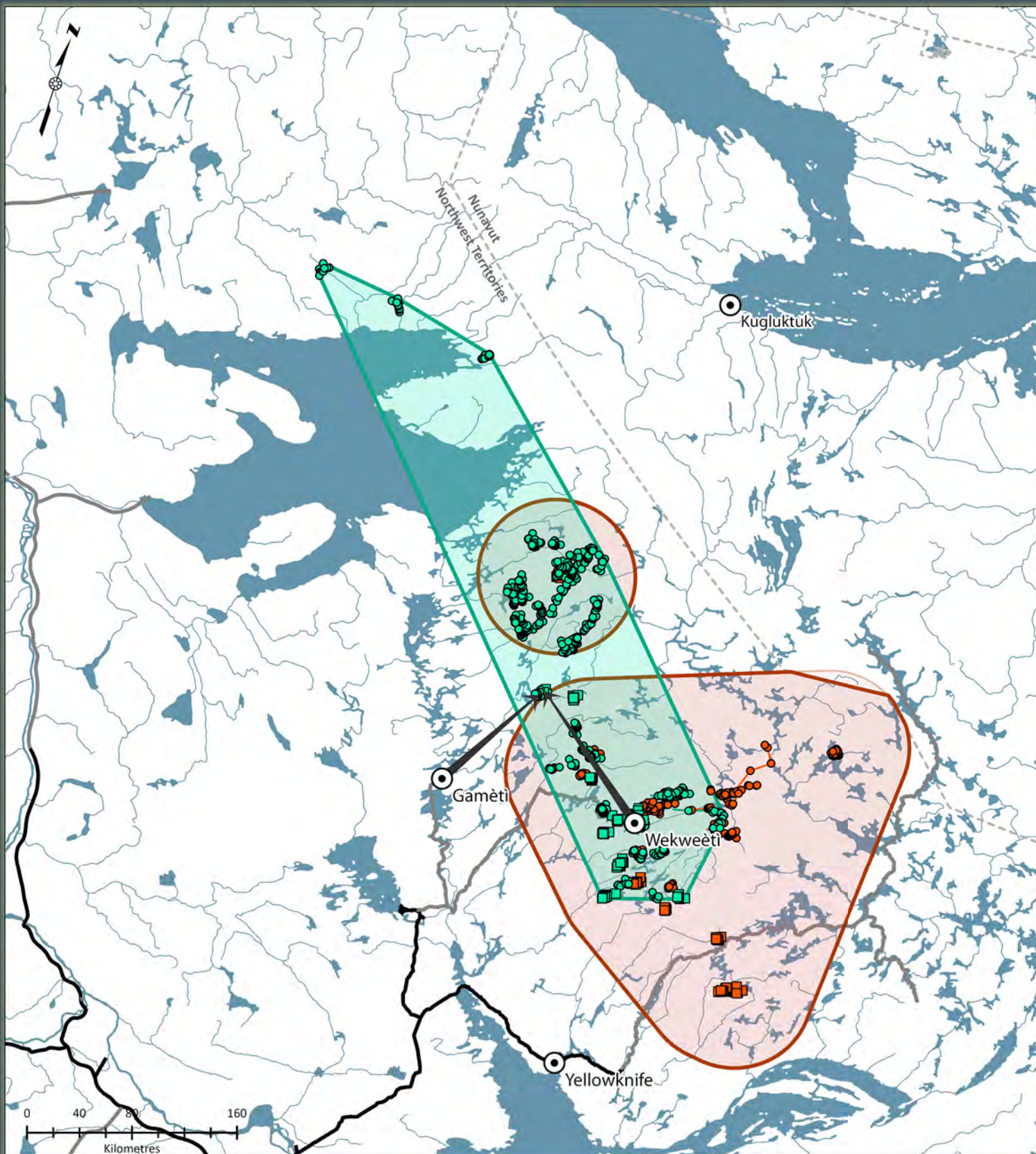
MCBCMZ Date: 2026-03-10

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Blue Nose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Blue Nose-East, Female

Blue Nose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Blue Nose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

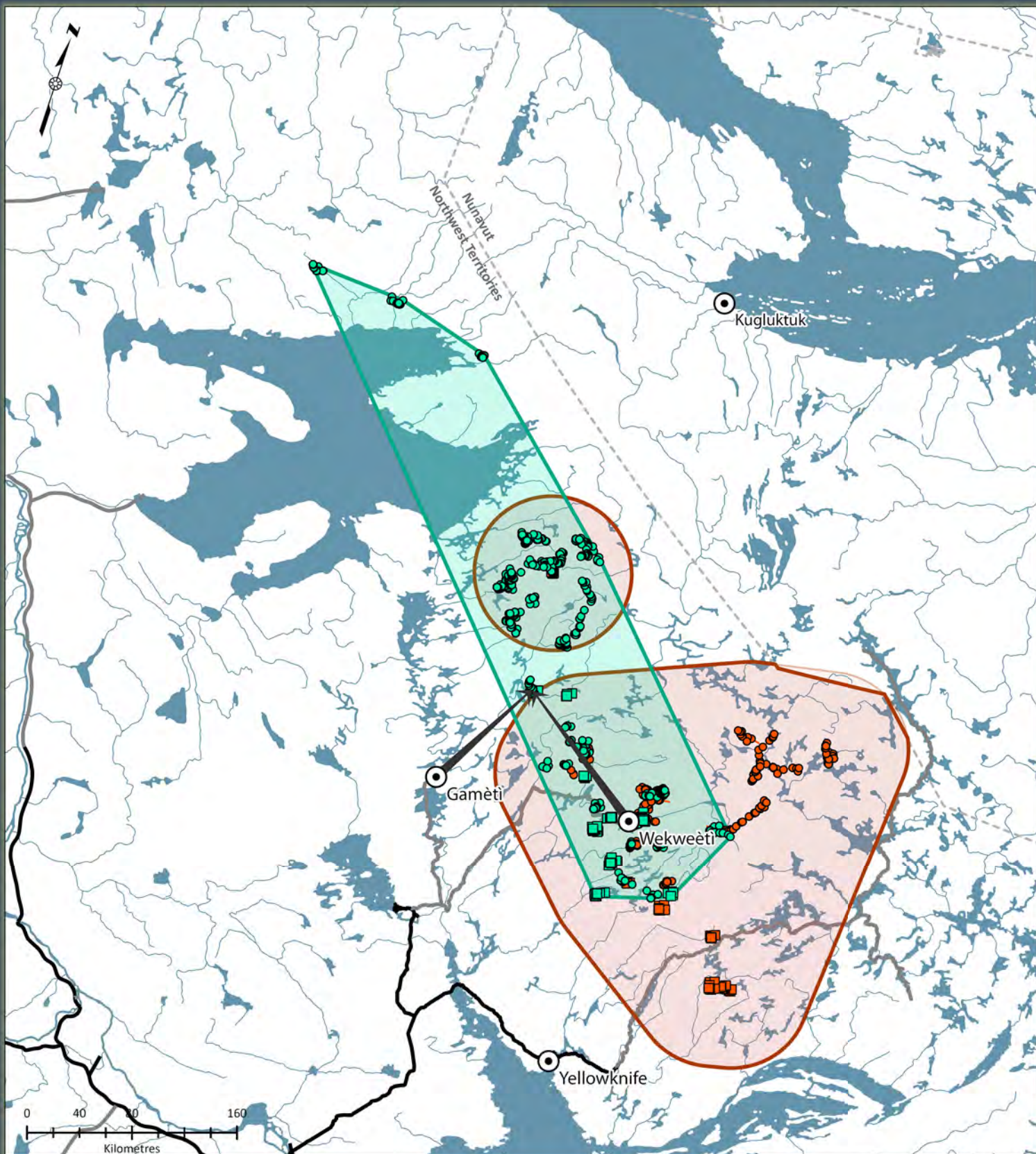
MCBCMZ Date: 2026-03-17

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

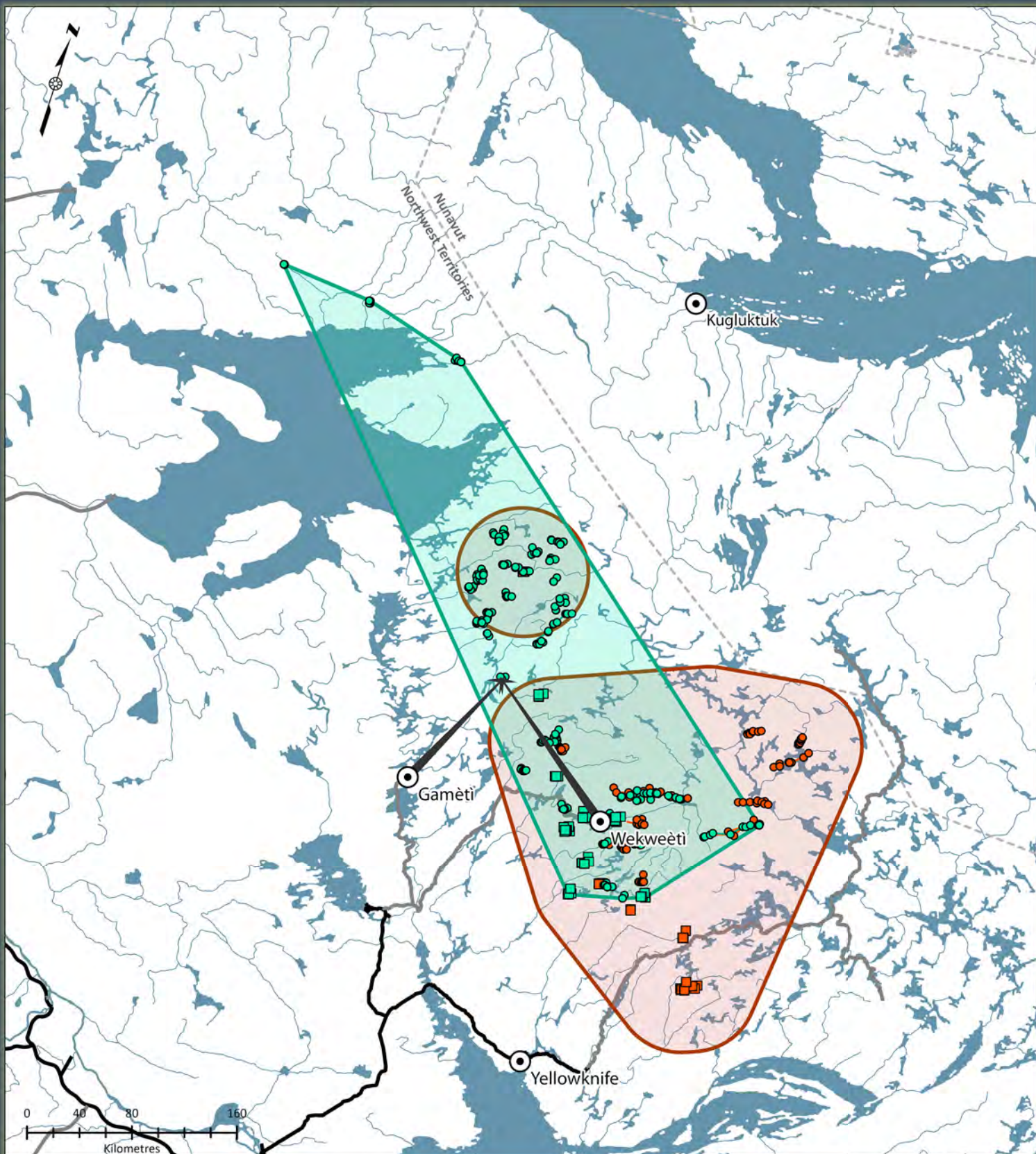
MCBCMZ Date: 2026-03-24

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada



MCP

Bluenose-East

MCBCMZ

Northwest Territories

Nunavut

Collared Caribou Location

Bluenose-East, Female

Bluenose-East, Male

Bathurst, Female

Bathurst, Male

Settlement

NWT Highway

Winter Road

Nearest Bluenose-East Caribou
Outside of the MCBCMZ

MCBCMZ Time Series Analysis

MCBCMZ Date: 2026-03-31

Projection:

Canada Lambert Conformal Conic

Data Sources:

Government of Northwest Territories
Natural Resources Canada