

ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐ

WHERE NUNAVUMMIUT RESPONDENTS TRAVEL

ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐᓂᓄᓐ
ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐᓂᓄᓐ ᐃᓄᓂᓄᓐᓂᓄᓐ

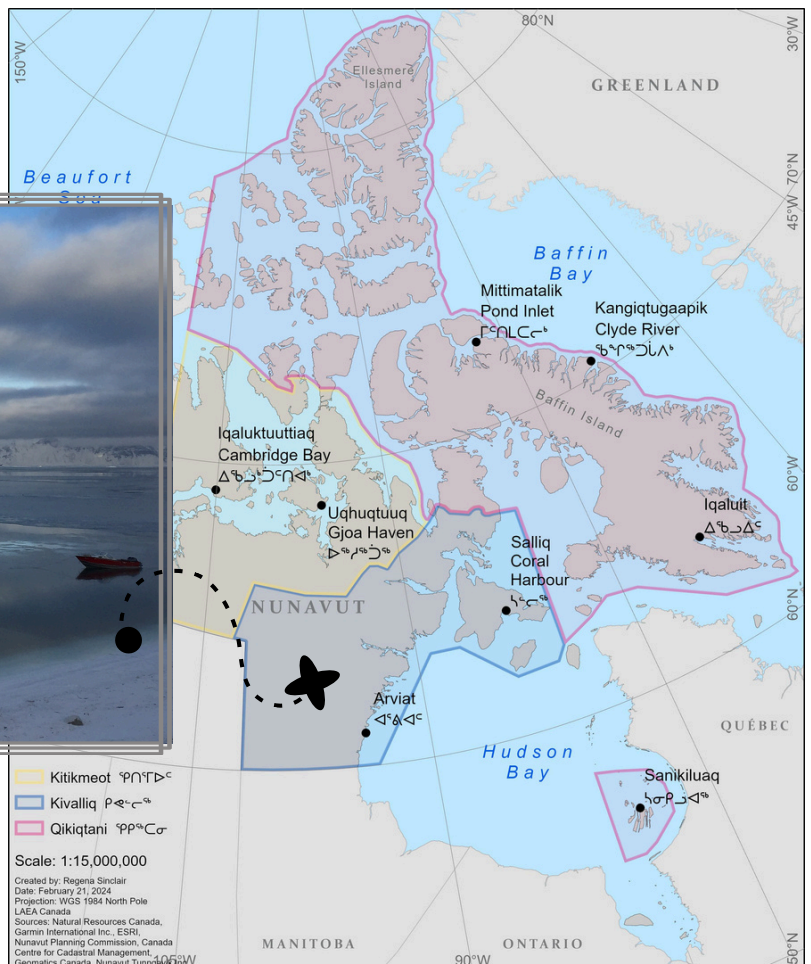
Results of a community survey on environmental forecasting uses and needs



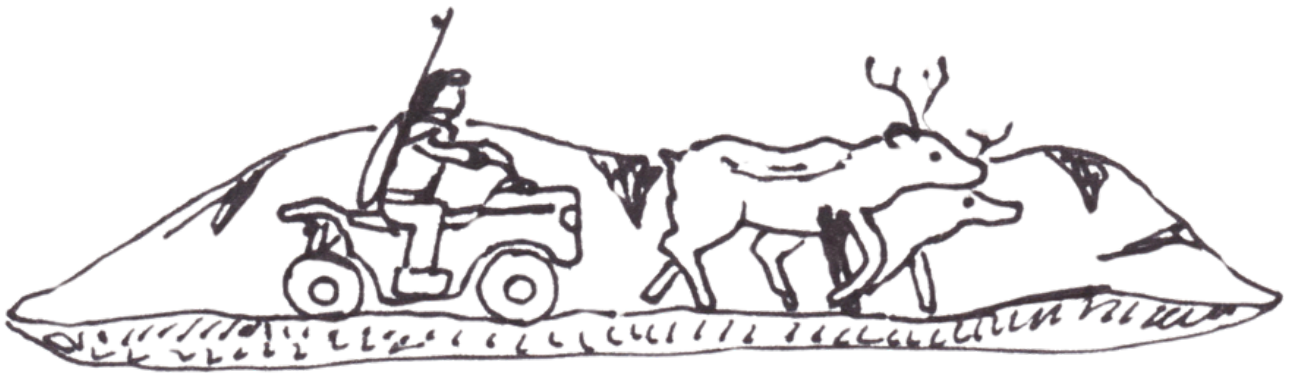
ᐃᓄᓂᓄᓐ 2023
DECEMBER 2023



SMARTICE



ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐ ᐃᓄᓂᓄᓐ
KIVALLIQ INUKTITUT AND ENGLISH



በበናፕላስቲክ ፊልም: ፖር ዘልዖሮ

Art work by: Rhoda Hiqiniq

[illegible]

JASON CARPENTER, AUPAA IRKOK, ANDREW MUCKPAH,
PETER ALIKTILUK, JULIA MICKIYUK, BOBBIE SAVIAKJUK,
ANDREW ARREAK, BRENT NAKASHOOK,
MARLENE IQAQRIALU, NATASHA SIMONEE, IVAN KOONOO,
BRENT PUQIQNAK, CANDICE SUDLOVENICK,
WILLIAM AGLUKKAQ, SHAWN MARRIOTT, GIBSON PORTER,
AMBER ELEEHETOOK, CHRISTINA KAAYAK, ELENA AKAMMAK

Maps created by Regena Sinclair

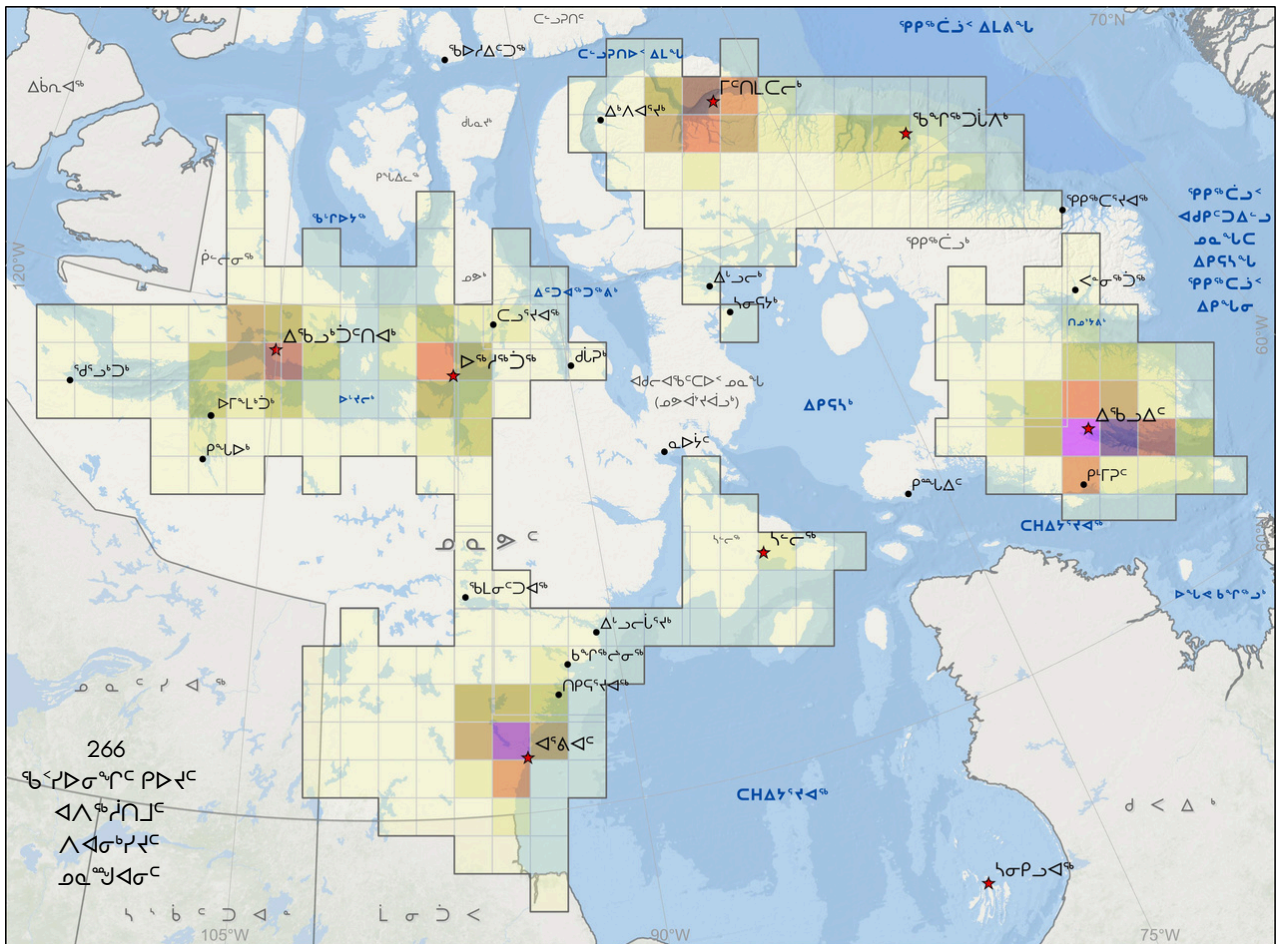
<https://straightupnorth.ca/community-wwic-uses-and-needs/>



$\dot{a}C \dot{b}^c, \dot{h}C < \dot{D}^c,$
 $\dot{u} \dot{b} \dot{d}^c, \Delta \Gamma C < \rho^c,$
 $\dot{r}C \dot{a} \dot{b}^c$

NATALIE CARTER, CHARLOTTE BUTTLE
REGENA SINCLAIR, EMMELIE PAQUETTE,
GITA LJUBICIC

ᠠᠨᠠᠵᠤ ᠠᠨᠠᠵᠤ ᠠᠨᠠᠵᠤ



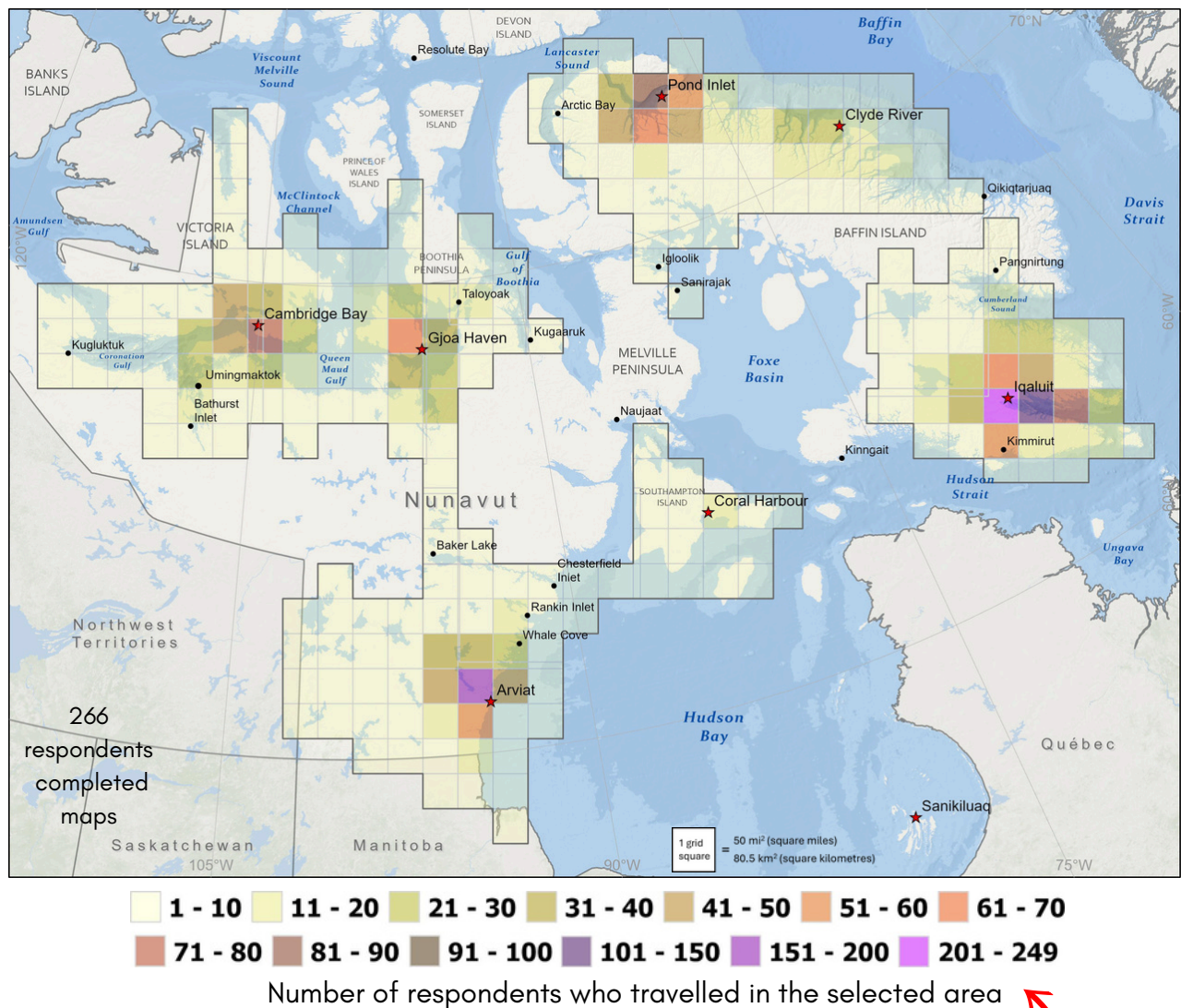
1 - 10 11 - 20 21 - 30 31 - 40 41 - 50 51 - 60 61 - 70
71 - 80 81 - 90 91 - 100 101 - 150 151 - 200 201 - 249

[illegible]

မေတ္တရူပံ ဝိညာဉ်ကမ္မံ ဝိညာဉ်ကမ္မံ ဝိညာဉ်ကမ္မံ

[illegible]
$$\mathbb{C}^{\sigma^{\mathfrak{g}} \mathfrak{h} \Delta^c / \mathfrak{g} \mathfrak{b} \triangleright \mathbb{L} \sigma^{\mathfrak{g}} \mathfrak{h} \Delta^c} \mathfrak{b} \subset \Delta^c = \langle \Gamma \dot{\sigma}^{\mathfrak{g}} \mathfrak{h} \Delta^c \triangleright \mathfrak{p} \triangleright \mathfrak{r}^c \mathbb{C} \Delta d^{\mathfrak{a} \mathfrak{u}} \mathfrak{u} \triangleright \mathfrak{c} \triangleright \mathfrak{p}^{\mathfrak{g}} \mathfrak{b} \rangle^c.$$
$$b_{C\Gamma} \triangleright \Delta^a \Gamma^c = \Delta \Gamma^i \sigma^a \sigma^b \Delta^c \rho \triangleright^c C \Delta d^a \Delta^c \triangleright^b \Delta^c.$$
$$p_{\Delta^c} = \Delta_{\Delta^c} \Delta^a \Delta^c \wedge \Delta^b \Delta^c \text{ and } \Delta^c$$
[illegible]

UNDERSTANDING THE MAPS IN THIS REPORT



MAP COLOURS AND LEGENDS

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

Darker/brighter colours = more respondents went there.

Lighter colours = less respondents went there.

Respondents = only the participants who completed maps

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

ፌዴራል ጉዞ ማስተካከያ ሚኒስቴር
 ልማትና የጉዞ አገልግሎት ሚኒስቴር

᠘ᠳᠤᠨᠵᠢᠷᠢ ᠮᠡᠭᠣ᠋ᠳᠦ ᠴᠡᠭᠦᠨᠪᠦᠰᠦ (ᠯᠥᠸᠶᠢᠨᠬᠡ 3-ᠦᠷ 16-ᠤ),
᠕ᠡᠯᠲᠤᠨᠶᠢᠰᠦ ᠶᠨᠳᠠᠨᠵᠢᠷᠢ ᠨᠳᠤ:

- [illegible]



◁^bΔ^L 0.0▷^b C^bC^b

WHERE NUNAVUMMIUT RESPONDENTS TRAVEL

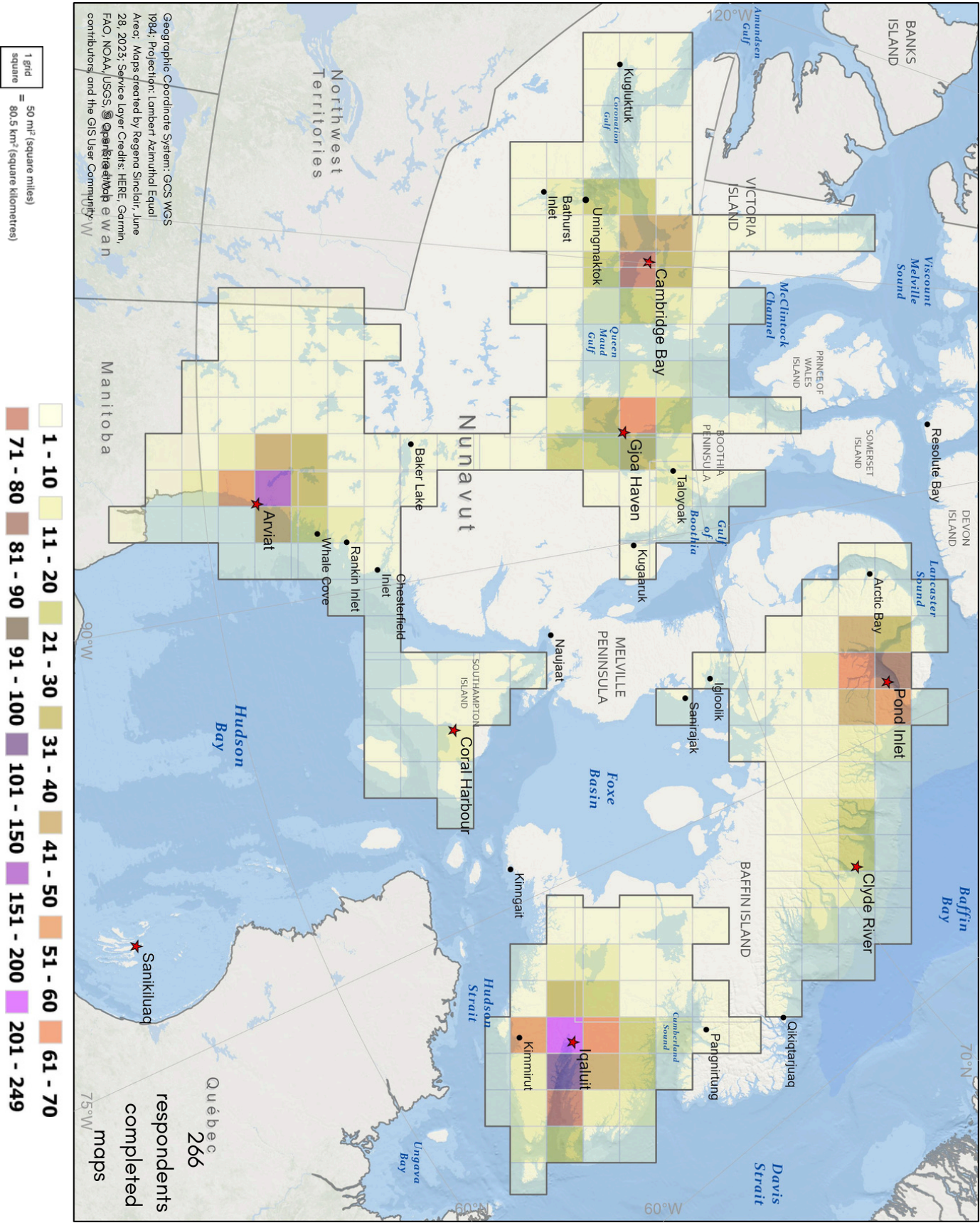
When looking at the maps in this report (pages 3 to 16), it is important to note that:

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

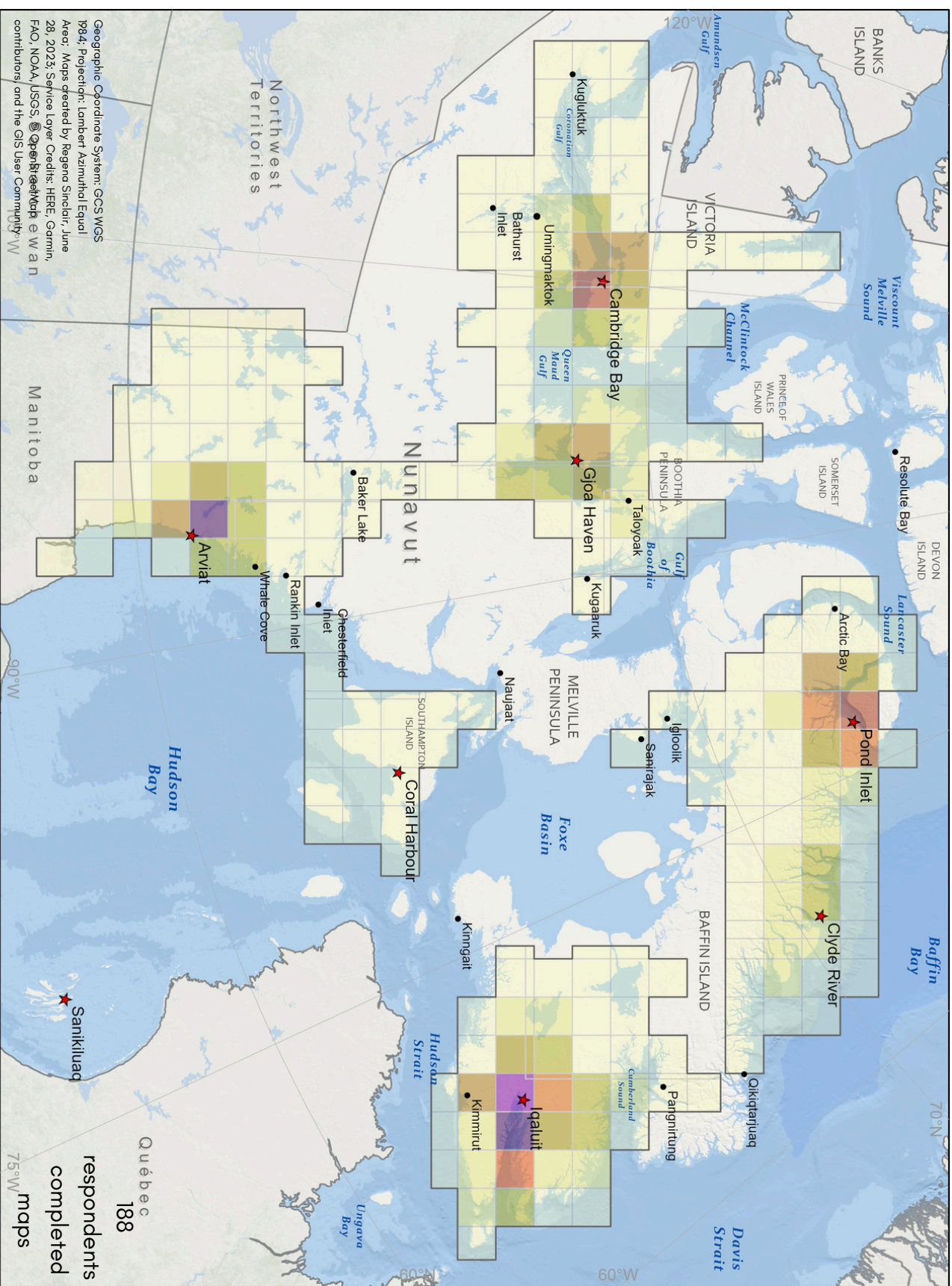


Photo: James Nanau Tagalik

WHERE NUNAVUTMIUT RESPONDENTS TRAVEL

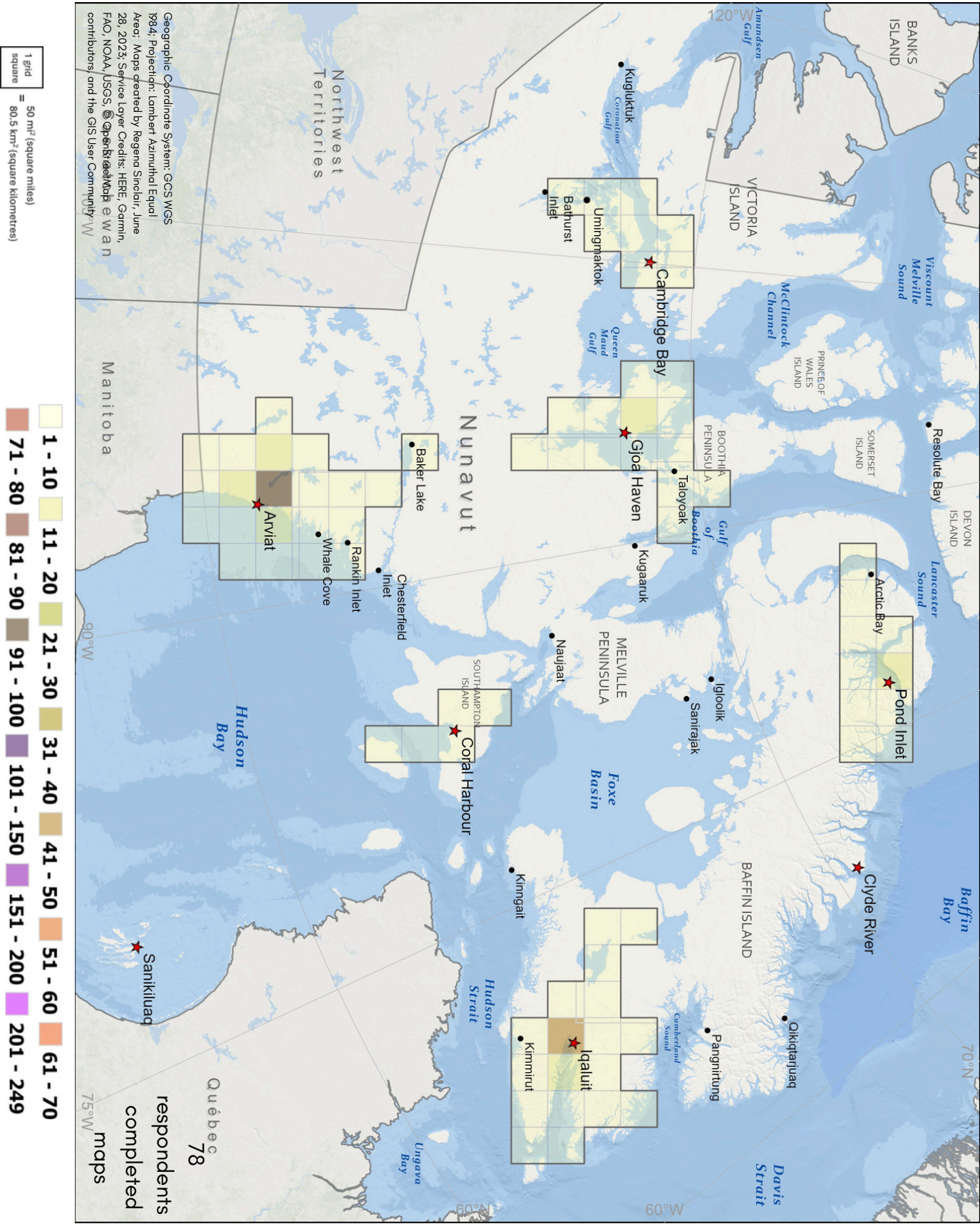


WHERE NUNAVUMMIUT MEN TRAVELLED



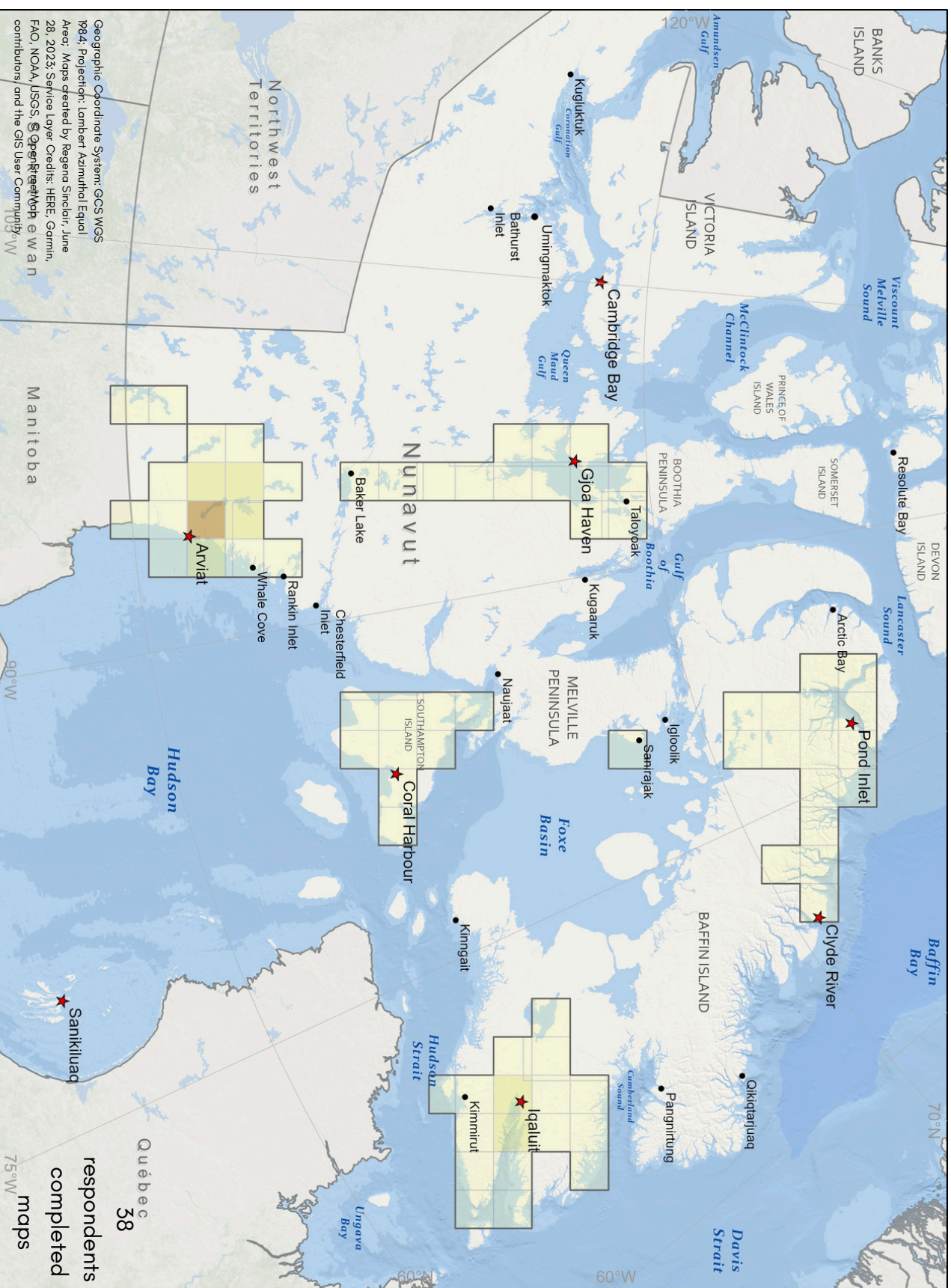
Number of respondents who travelled in the selected area

WHERE NUNAVUMMIUT WOMEN RESPONDENTS TRAVEL

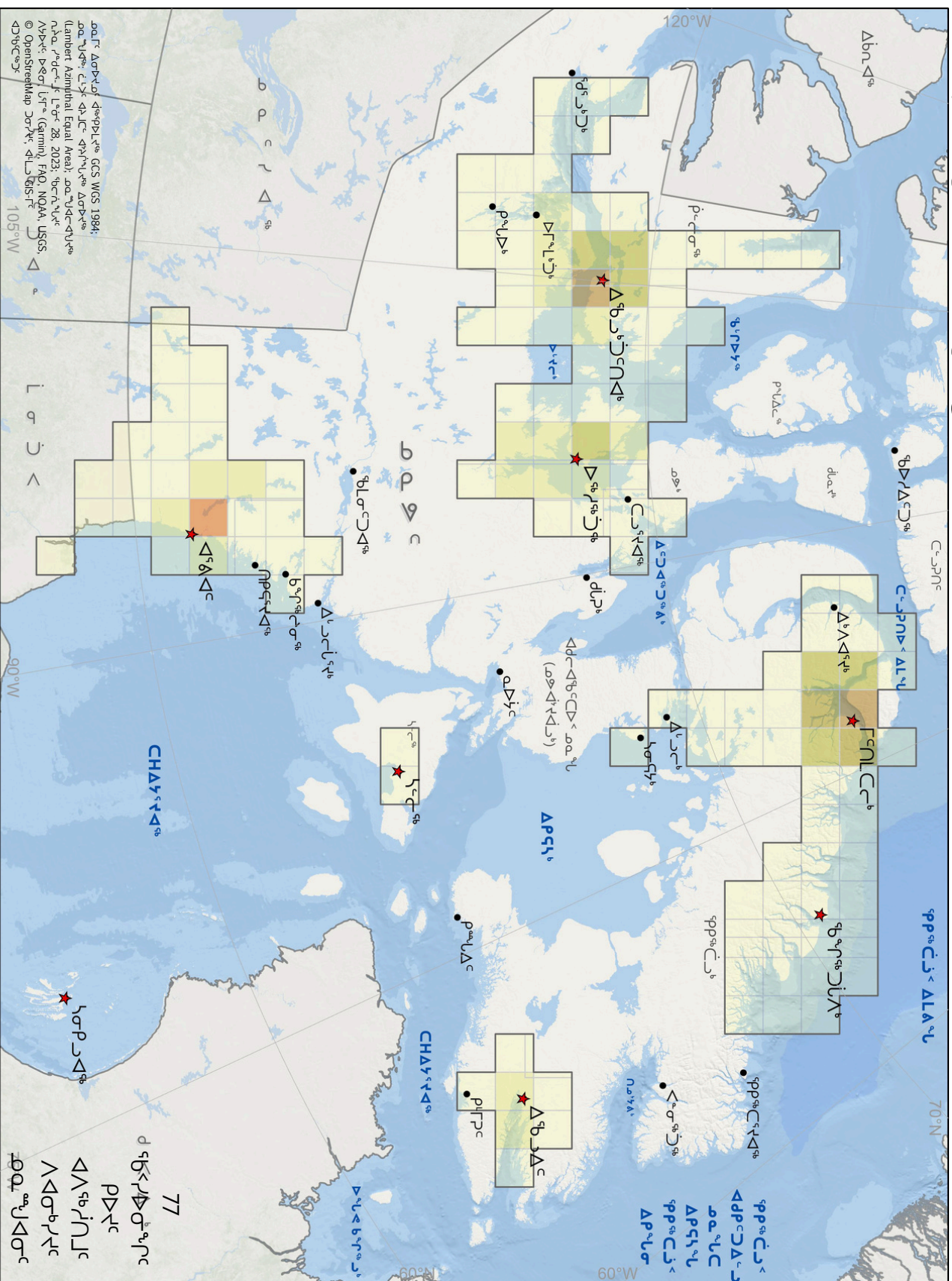




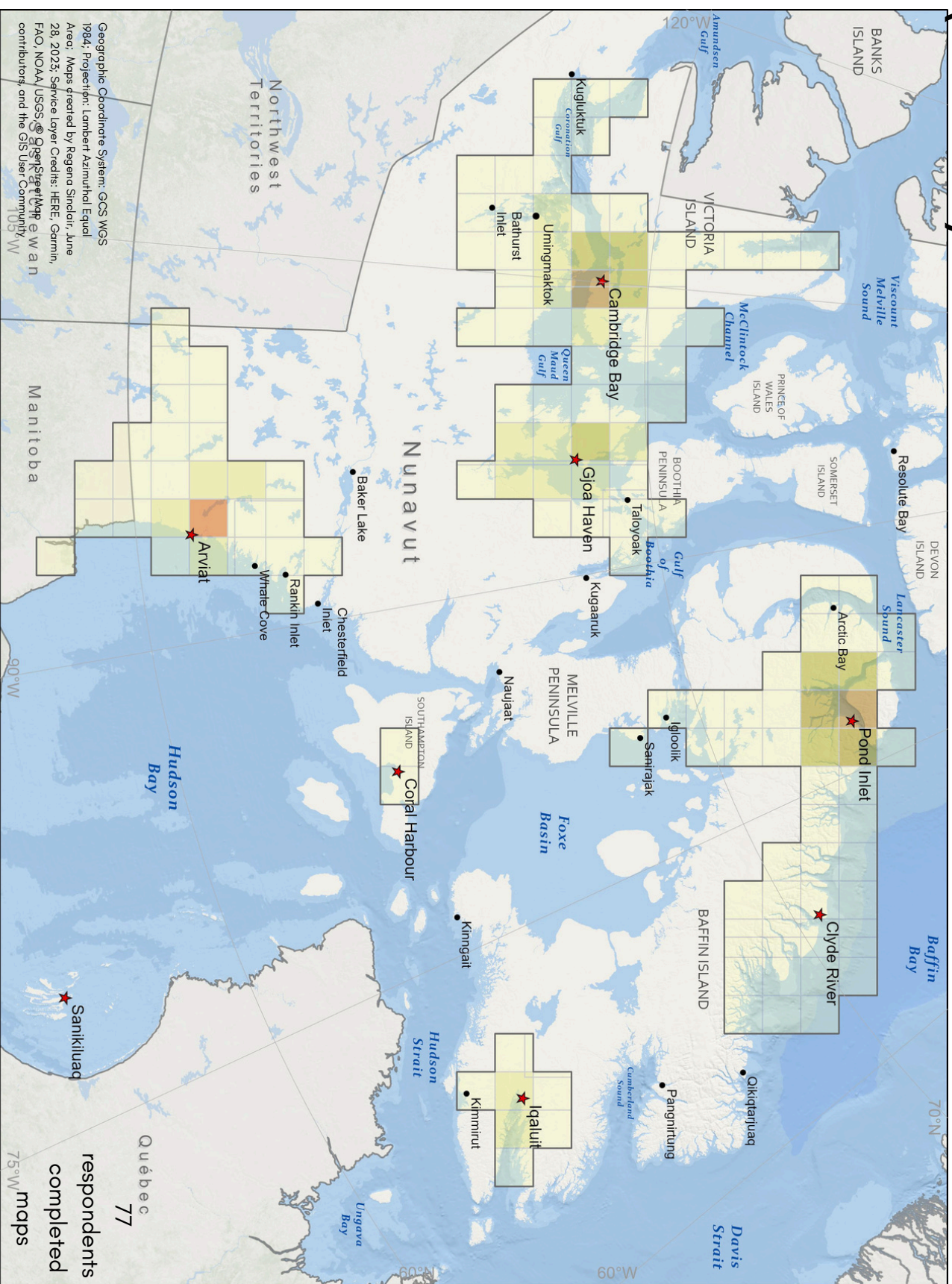
WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (BY AGE) - AGES 16 TO 24



Δεδομένα από τον ΕΛΕΥΘΕΡΟ ΔΕΛΤΑ (25-34 - 2023)

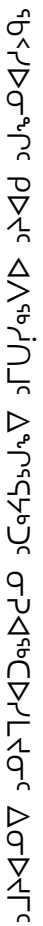


WHERE NUNAVUTMMIUT RESPONDENTS TRAVEL (BY AGE) - AGES 25 TO 34

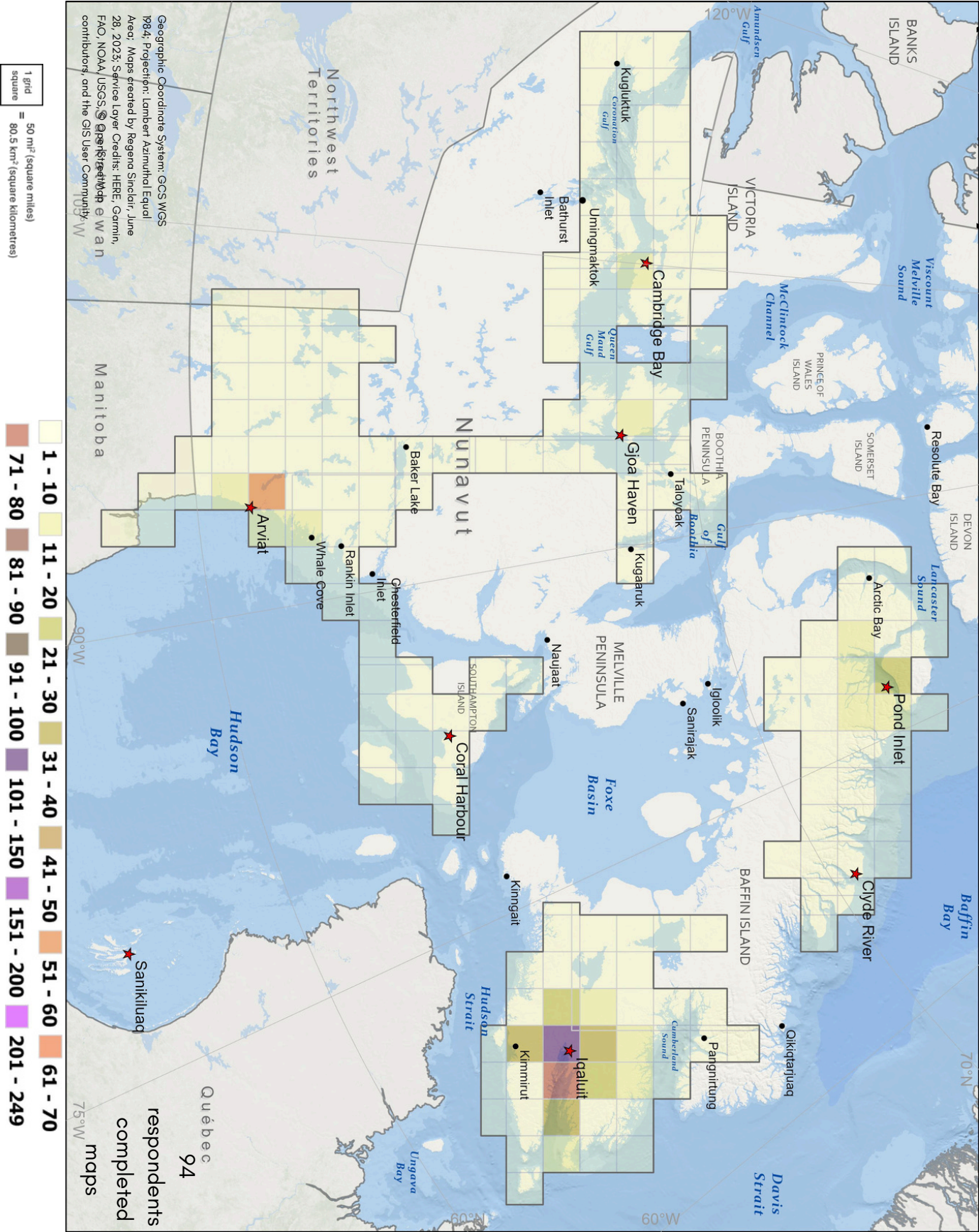


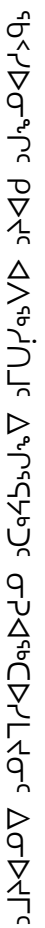
1 grid square = 50 mi² (square miles)
= 80.5 km² (square kilometres)

Number of respondents who travelled in the selected area

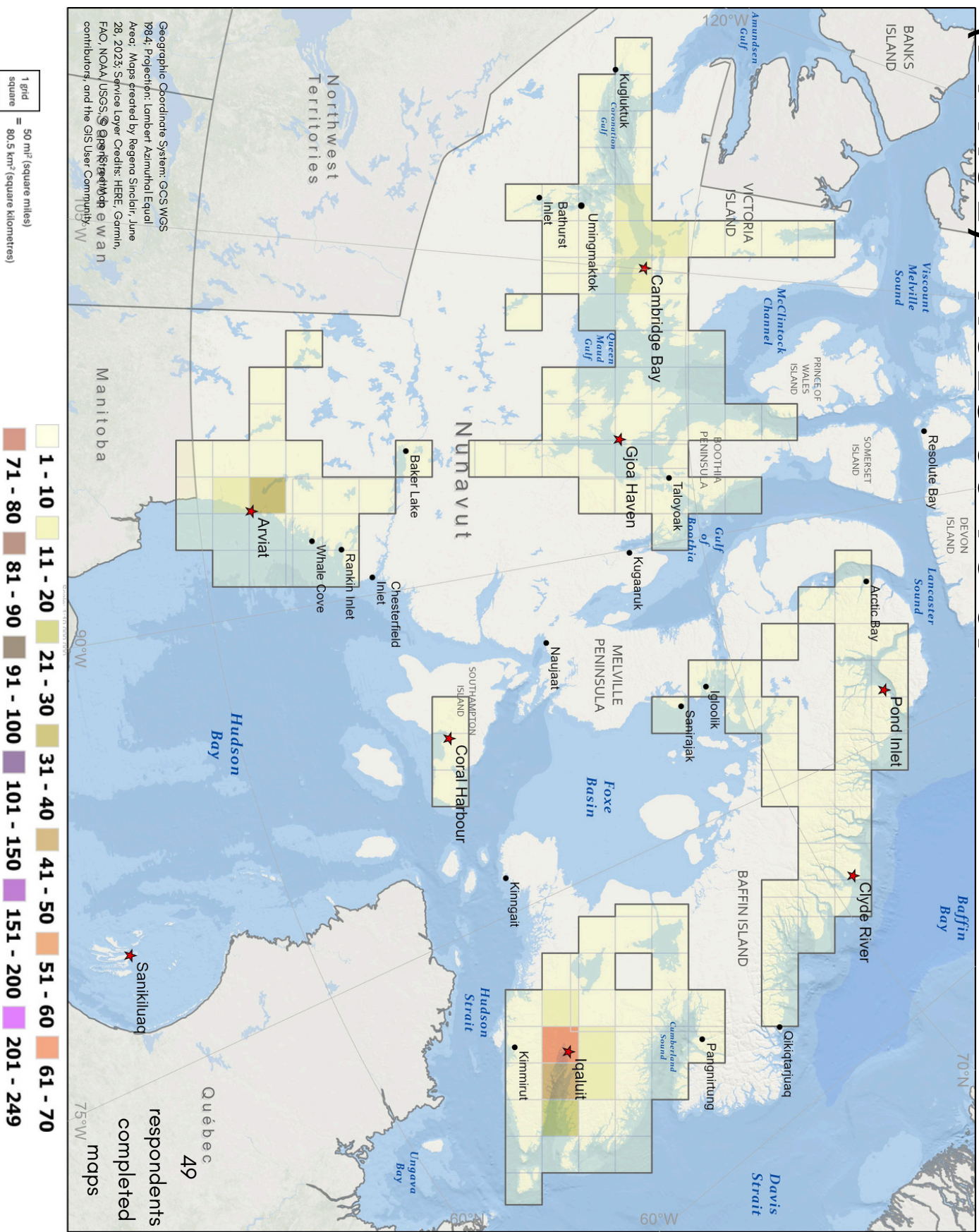


WHERE NUNAVUTMIUT RESPONDENTS TRAVEL (BY AGE) - AGES 35 TO 49

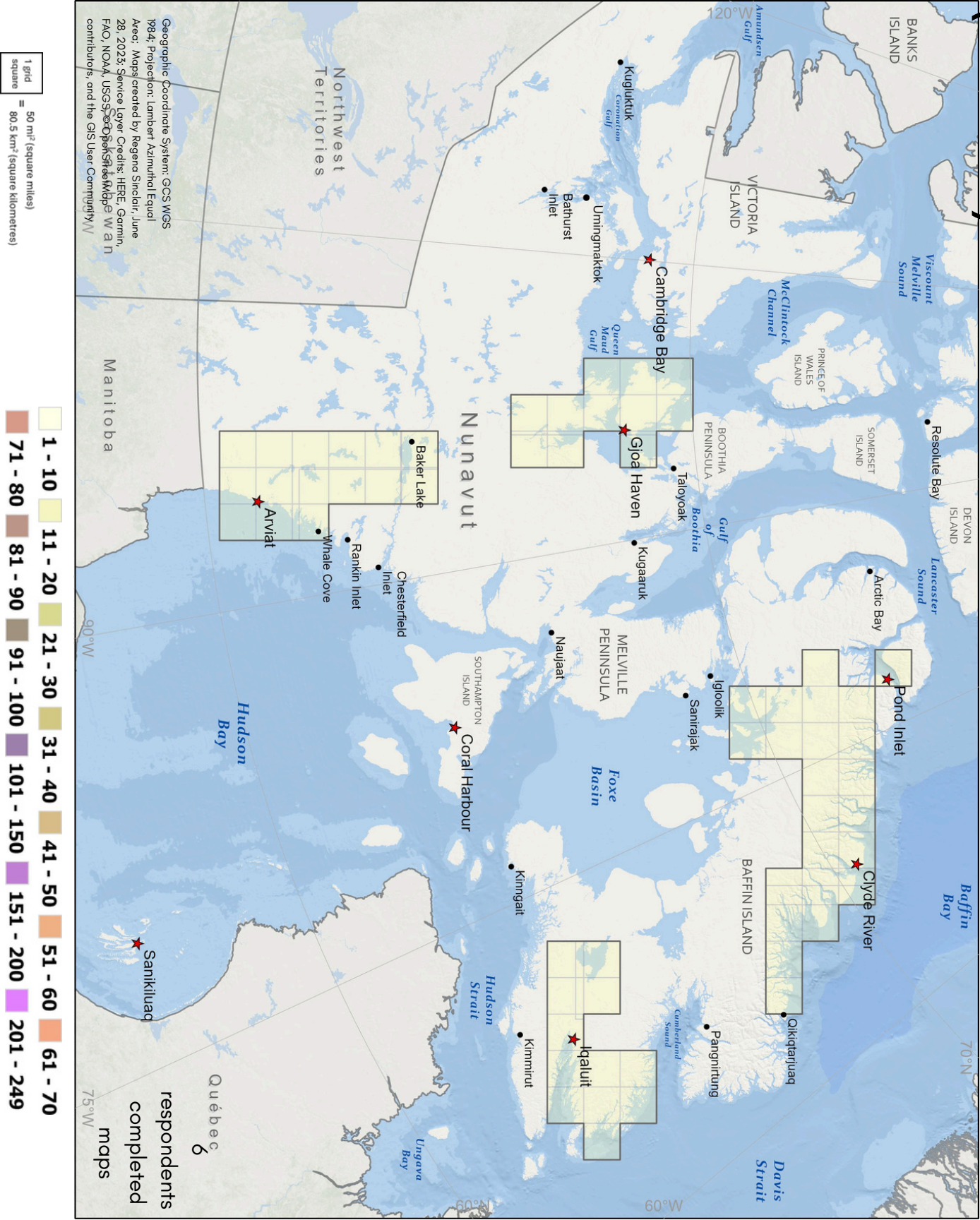


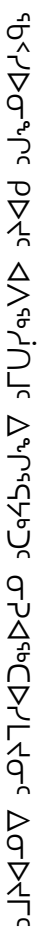


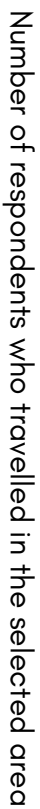
WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (BY AGE) - AGES 50 TO 69



WHERE NUNAVUMMIUT RESPONDENTS TRAVEL (BY AGE) - AGES 70 AND ABOVE

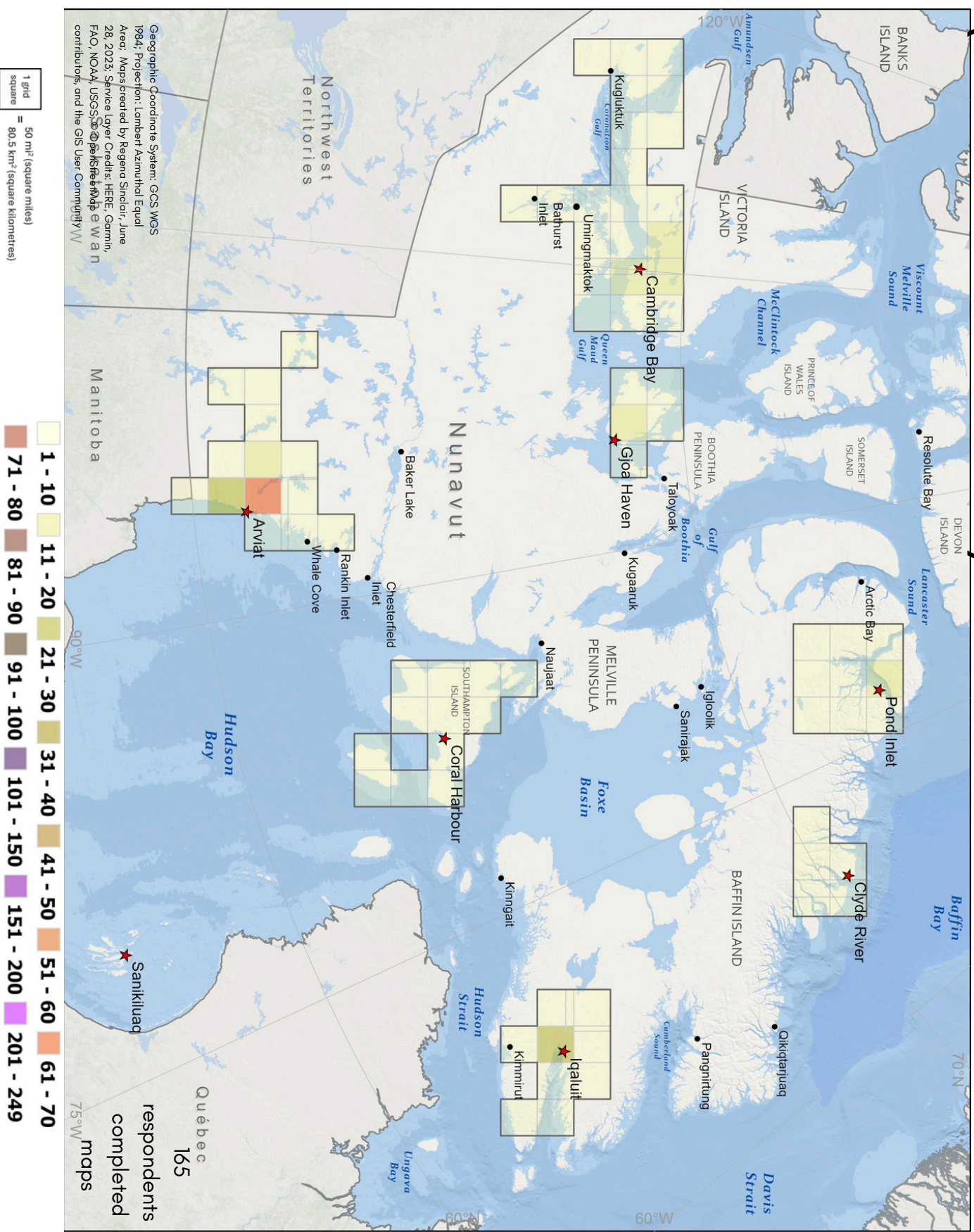








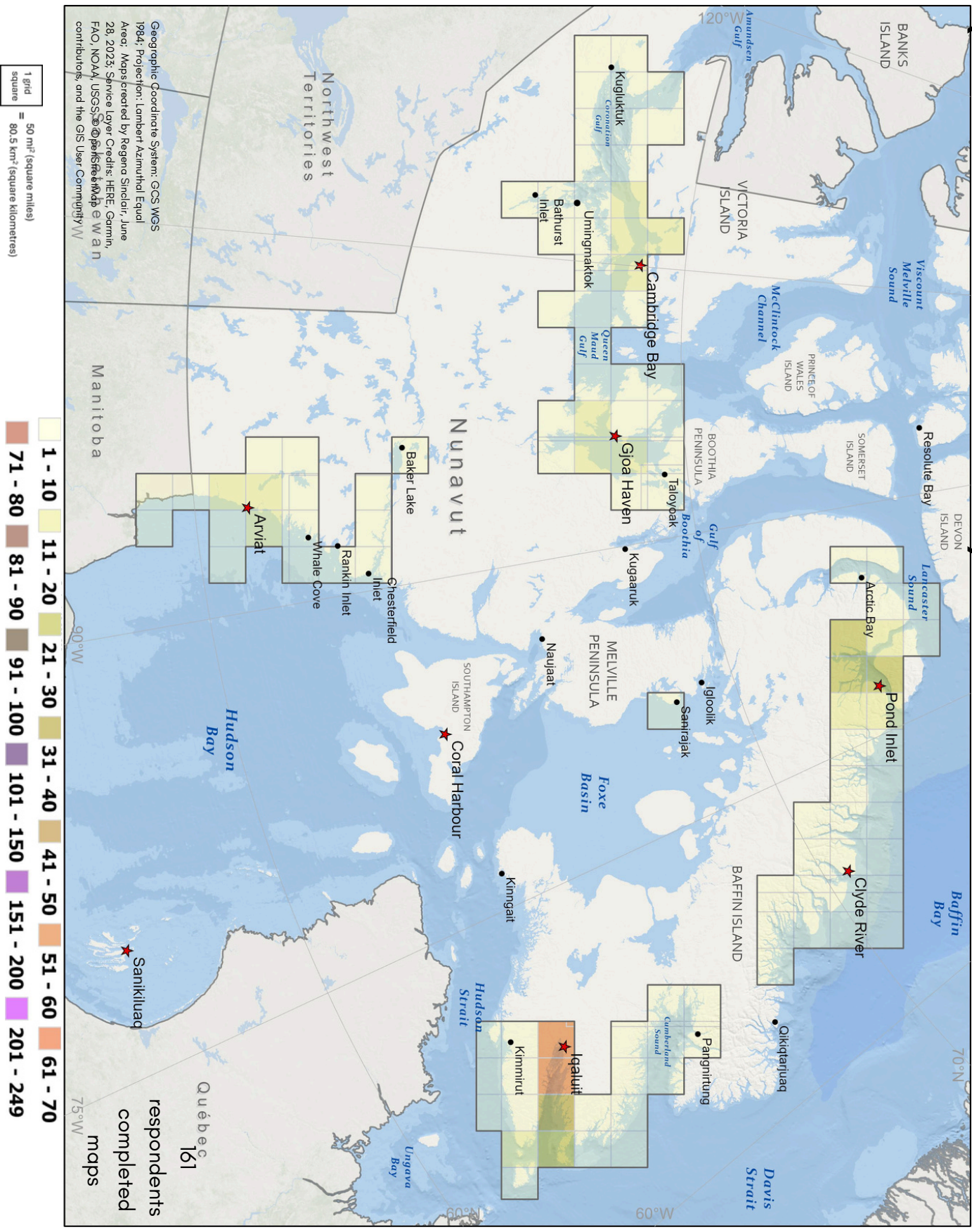
WHERE NUNAVUTMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL) - ATV





	1 - 10	11 - 20	21 - 30	31 - 40	41 - 50	51 - 60	61 - 70
71 - 80	81 - 90	91 - 100	101 - 150	151 - 200	201 - 249		

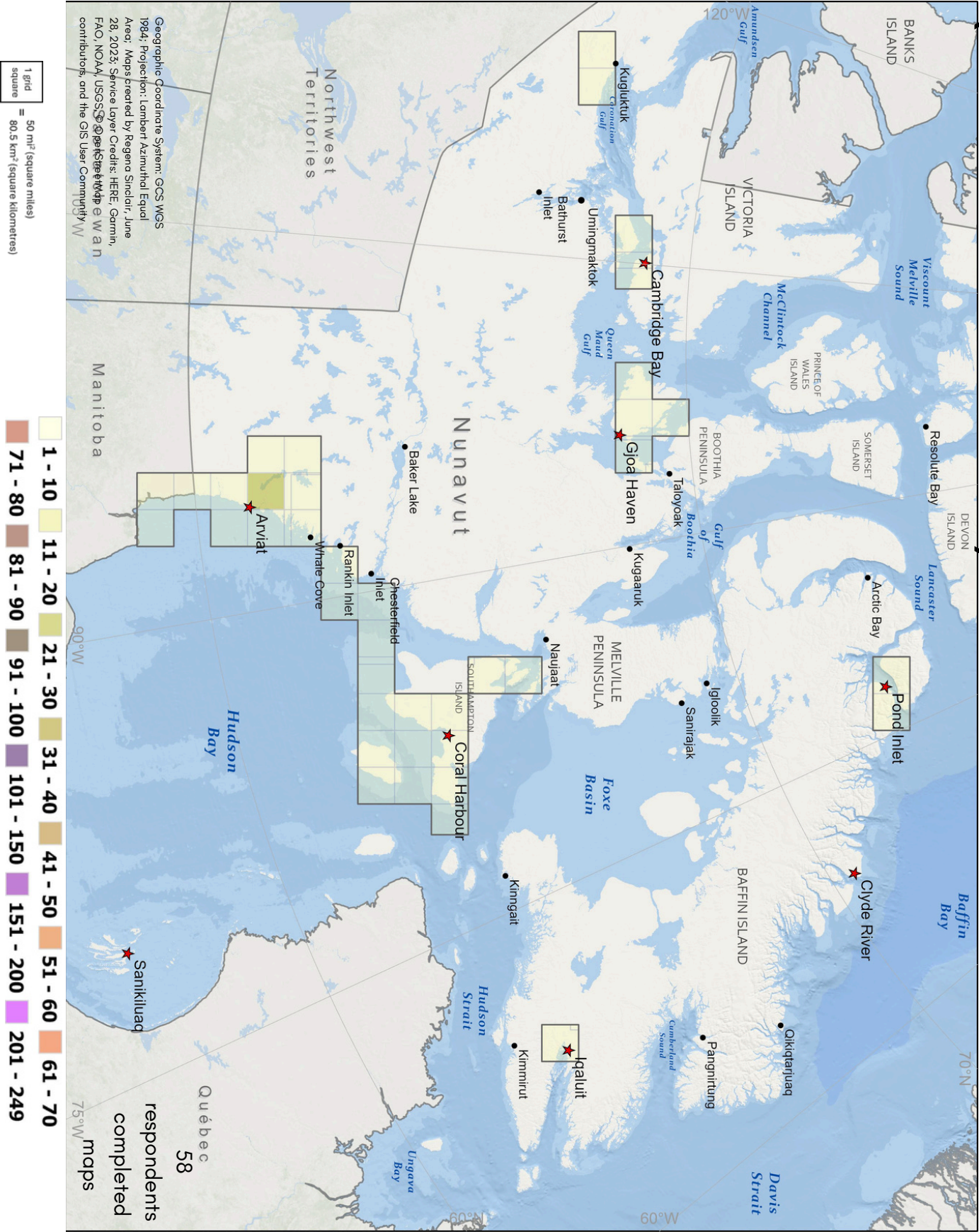
WHERE NUNAVUTMMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL) - BOAT



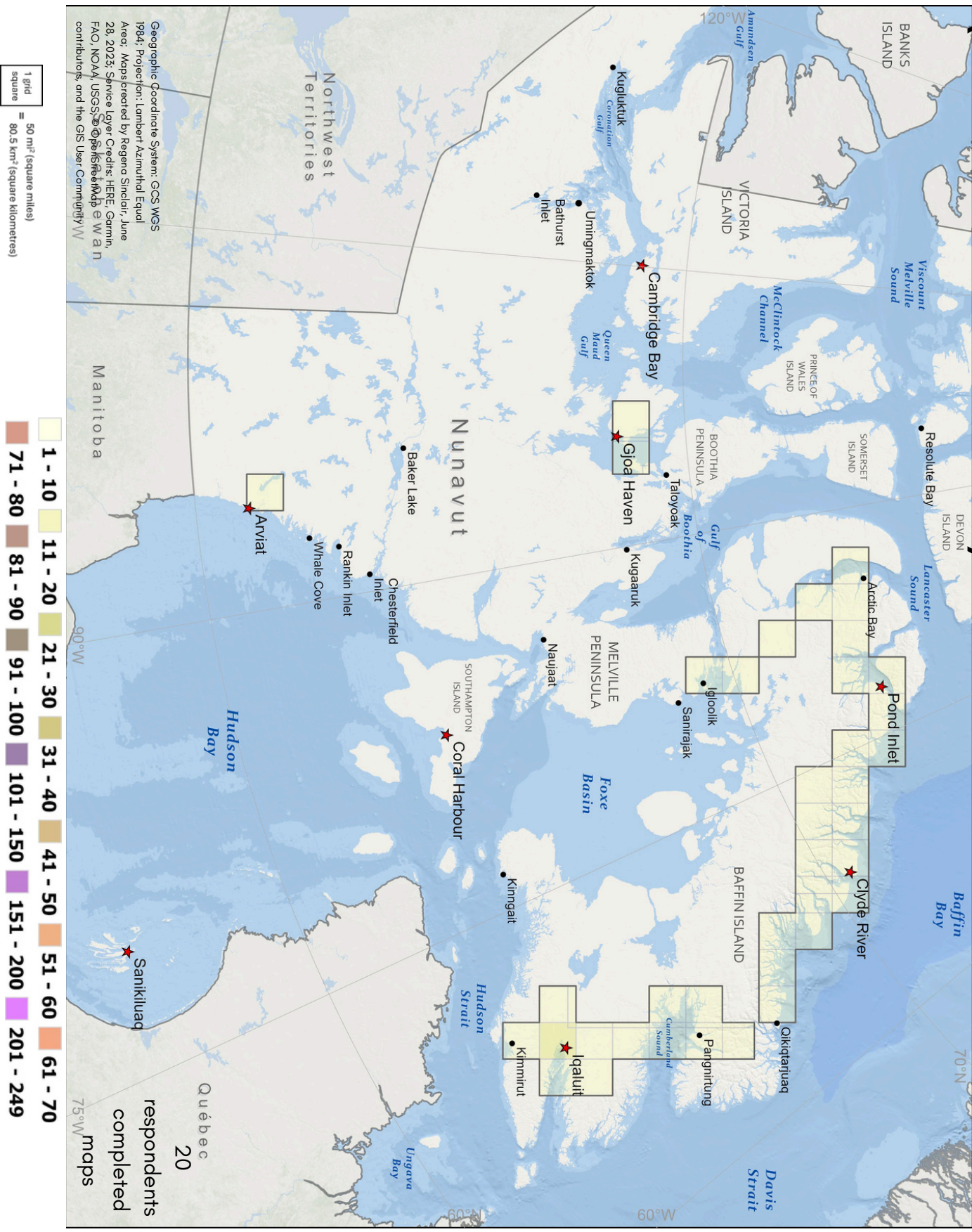


$\Delta\sigma_{\text{DFT}} = \frac{\sigma_{\text{DFT}} - \sigma_{\text{exp}}}{\sigma_{\text{exp}}} = 0.67$

WHERE NUNAVUTMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL) - VEHICLE



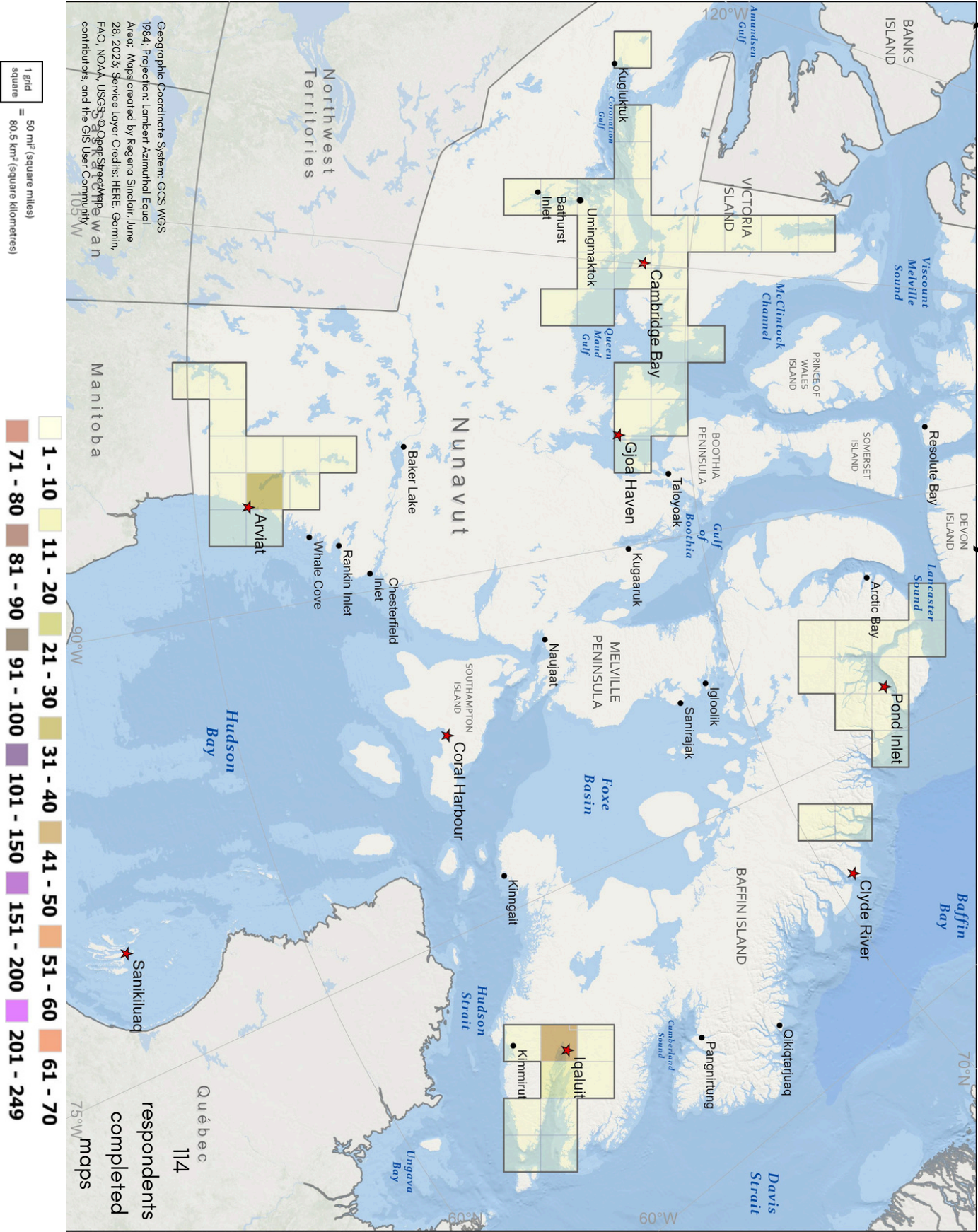
WHERE NUNAVUTMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL) - DOG TEAM



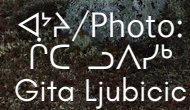


	1 - 10	11 - 20	21 - 30	31 - 40	41 - 50	51 - 60	61 - 70
71 - 80	81 - 90	91 - 100	101 - 150	151 - 200	201 - 249		

WHERE NUNAVUTMIUT RESPONDENTS TRAVEL (BY MODE OF TRAVEL) - ON FOOT



Nunavut



Results of a community survey on environmental forecasting uses and needs

၂၀၂၃
 DECEMBER 2023