Supplementary Material

**Use of satellite imagery to estimate distribution and abundance of Cumberland Sound beluga whales reveals frequent use of a glacial river estuary**

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# Supplementary Figures

A map of water with yellow dots

Description automatically generated

Supplementary Figure 1. August 21, 2020 points overlayed on KDE utilization distribution maps in Clearwater Fiord.

A map of water with yellow dots

Description automatically generated

Supplementary Figure 2. August 30, 2020 points overlayed on KDE utilization distribution maps in Clearwater Fiord.

A map of water with yellow dots

Description automatically generated

Supplementary Figure 3. September 4, 2021 points overlayed on KDE utilization distribution maps in Clearwater Fiord.

A map of water with a purple and yellow dot

Description automatically generated

Supplementary Figure 4. September 7, 2021 points overlayed on KDE utilization distribution maps in Clearwater Fiord.

A map of water with blue and yellow dots

Description automatically generated

Supplementary Figure 5. August 17, 2022 points overlayed on KDE utilization distribution map in Clearwater Fiord.

A map of the ocean

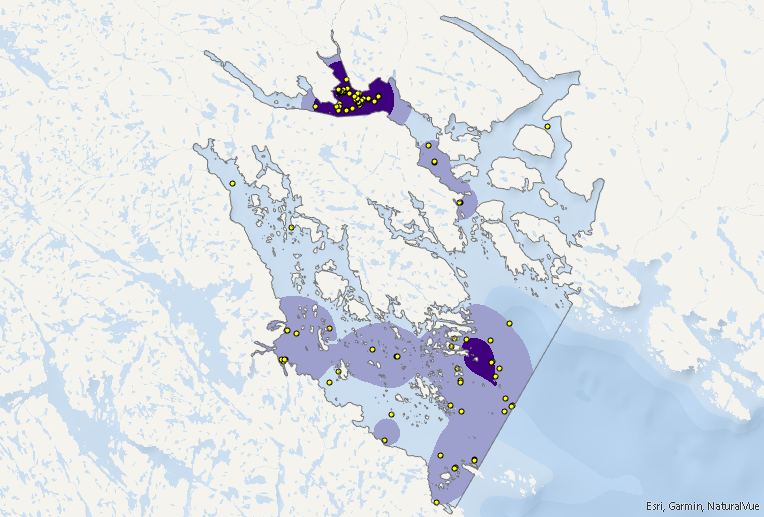
Description automatically generated

Supplementary Figure 6. Septemeber 4, 2021 points overlayed on KDE utilization distribution map of Clearwater, Kangilo, and Kangerk Fiords.

A map of the arctic

Description automatically generated

Supplementary Figure 7. September 7, 2021 points overlayed on KDE utilization distribution map of Clearwater, Kangilo, and Kangerk Fiords.



Supplementary Figure 8. August 17, 2022 points overlayed on KDE utilization distribution maps of Clearwater, Kangilo, Kangerk, and Shark Fiords.