

# Image: NASA's IceBridge surveys glaciers in Northeast Greenland

August 31 2017

---



Credit: NASA/Bryan Blair

NASA's Operation IceBridge is flying its summer Arctic land ice

campaign in Greenland, continuing its measurements of the Greenland Ice Sheet and its outlet glaciers. For the next four weeks, IceBridge will be flying the Land, Vegetation, and Ice Sensor (LVIS) on board Dynamic Aviation's B-200T King Air aircraft, first out of Thule Air Base, and then Kangerlussuaq, Greenland.

This photograph from the mission was taken on Aug. 29, 2017, from 28,000 feet, looking north while surveying Nioghalvfjærdsbrae (79 N) Glacier in northeast Greenland.

Using a fleet of research aircraft, Operation IceBridge images Earth's polar ice to better understand connections between [polar regions](#) and the global climate system. IceBridge studies annual changes in thickness of sea ice, glaciers and ice sheets. IceBridge bridges the gap in polar observations between NASA's Ice, Cloud and Land Elevation Satellite (ICESat)—which began data collection in 2003 and was de-orbited in 2010 —and ICESat-2, planned for 2018.

Provided by NASA

Citation: Image: NASA's IceBridge surveys glaciers in Northeast Greenland (2017, August 31) retrieved 26 April 2024 from

<https://phys.org/news/2017-08-image-nasa-icebridge-surveys-glaciers.html>

This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.