

Petermann Glacier

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Petermann Glacier Latest News

An international research team reports that Petermann Glacier in northwest Greenland calved a 76.4 km² ice island on Aug. 4, 2026, marking the glacier's largest loss of floating ice since 2012 and the largest Arctic calving event since 2020.

About Petermann Glacier

- It is a large glacier located in **North-West Greenland** to the **east of Nares Strait**.
 - **Nares Strait** is a narrow sea passage **between Greenland and Ellesmere Island (Canada)** in the **far north of the Arctic**.
- It is **one of the largest glaciers connecting the Greenland ice sheet with the Arctic Ocean**.
- It covers 1,295 sq.km.
- The glacier and its fjord are named after German cartographer August Heinrich Petermann.
- Like most glaciers that discharge ice into the ocean, Petermann **periodically sheds large icebergs**.
- Petermann's **ice flow** has **accelerated in recent years**.

- Land-based glaciers in Greenland are a major **contributor to global sea-level rise**, and as global temperatures warm, more ice is expected to melt into the oceans.
- **Scientists estimate that if Petermann collapses completely, the sea level would rise by about 30 cm.**

News: PHYS

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