

U.S. National Ice Center

PRESS RELEASE

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Contact: LTJG Jared Doris, USN

NIC.PAO@noaa.gov

301-943-6977



Iceberg A-23F Has Calved from Iceberg A-23A

18AUG2025, SUITLAND, MD — The U.S. National Ice Center (USNIC) has confirmed that iceberg A-23F calved from A-23A in the northern Weddell Sea. As of August 17, A-23A was centered at 54° 22' South and 34° 54' West. It measured 33 nautical miles on its longest axis and 32 nautical miles on its widest axis. A-23F was centered at 54° 18' South and 34° 31' West. It measured 9 nautical miles on its longest axis and 4 nautical miles on its widest axis. A-23A first calved from the Ronne Ice Shelf in 1986.

The new iceberg was first spotted by Dr. Jan Lieser of Australia's Bureau of Meteorology and was confirmed by USNIC Analyst Britney Fajardo using the Sentinel-1 image below.

Iceberg names are derived from the Antarctic quadrant in which they were originally calved. The quadrants are divided counter-clockwise in the following manner:

- A = 0-90W (Bellingshausen/Weddell Sea)
- B = 90W-180 (Amundsen/Eastern Ross Sea)
- C = 180-90E (Western Ross Sea/Wilkesland)
- D = 90E-0 (Amery/Eastern Weddell Sea)

When first sighted, an iceberg's point of origin is documented by USNIC. The letter of the quadrant, along with a sequential number, is assigned to the iceberg. For example, C-19 is sequentially the 19th iceberg tracked by USNIC in Antarctica between 180-90E (Quadrant C). Icebergs with letter suffixes have calved from already named icebergs, where the letters are added in sequential order. For example, C-19D is the 4th iceberg to calve off the original C-19 iceberg.

Iceberg positions are analyzed weekly and are available on the USNIC webpage at:
<https://usicecenter.gov/Products/AntarcIcebergs>

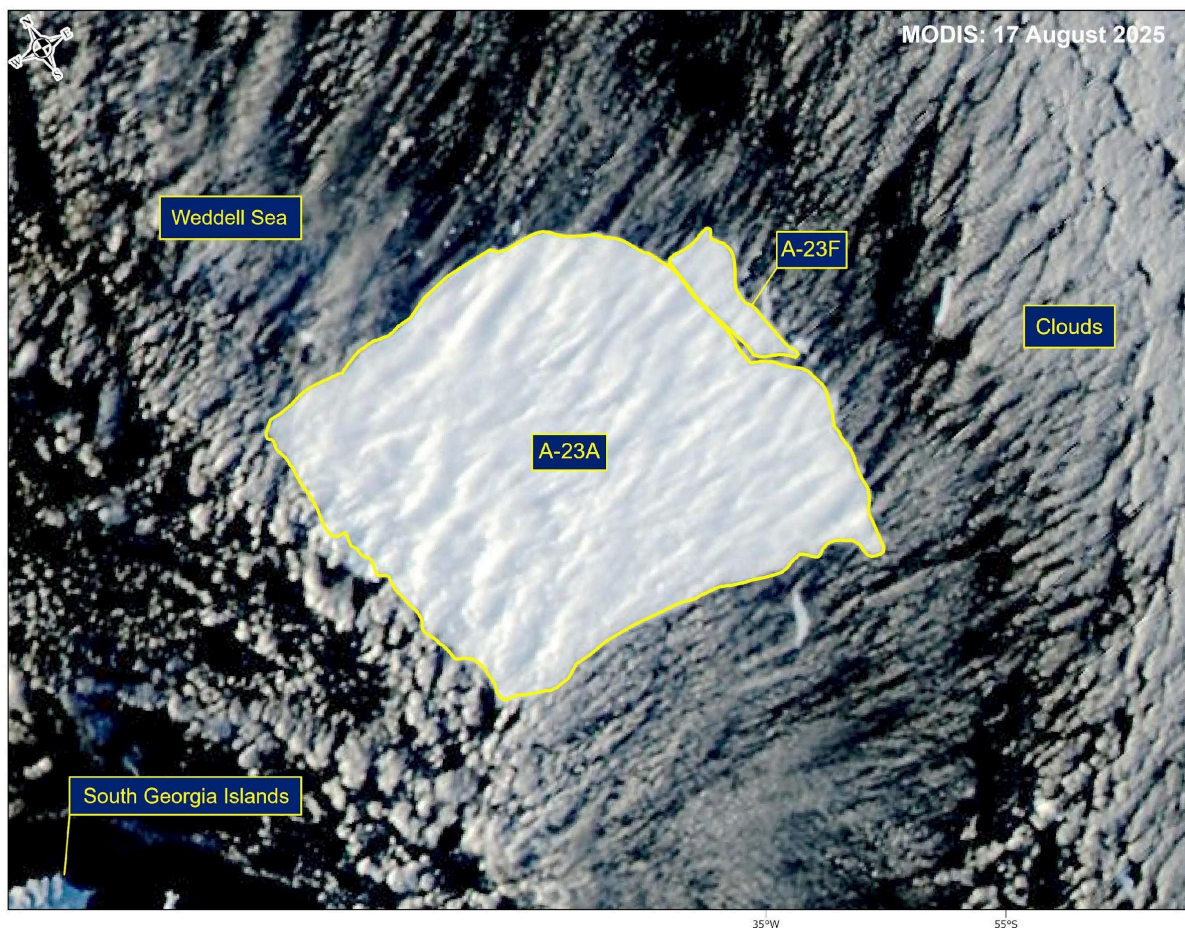


Figure 1: MODIS image of icebergs A-23A and A-23F from August 17, 2025.

The U.S. National Ice Center (USNIC), in collaboration with its global partners, empowers mariners and Naval forces operating in polar, subpolar, and Great Lakes regions with authoritative and timely snow, sea- and lake-ice products and forecasts. USNIC safeguards life and property at sea, defends access and commerce, and further enhances Naval maneuver and superiority. To access daily products, weekly products, archival data and much more of USNIC data in various formats, visit the USNIC webpage at: <https://usicecenter.gov/Products>.

For more information, please contact:

U.S. National Ice Center
Command Duty Officer
E-mail: nic.cdo@noaa.gov
Voice: (301) 943-6977

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