



**U.S. National Ice Center**  
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## **PRESS RELEASE**

**FOR IMMEDIATE RELEASE**  
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### **Iceberg A-77 Calves from Ekstrom Ice Shelf**

16AUG2021, SUITLAND, MD — The U.S. National Ice Center (USNIC) has confirmed that iceberg A-77 has calved from the Ekstrom Ice Shelf on the Princess Martha Coast of Antarctica. As of August 15th, A-77 was centered at 70° 44' South and 10° 47' West and measures 27 nautical miles on its longest axis and 4 nautical miles on its widest axis.

The new iceberg was first spotted on August 14th by Dipl.-Geogr- Klaus Strübing, former director and professor at BSH, and confirmed by USNIC Analyst Christopher Readinger using the Sentinel-1A image below.

Iceberg names are derived from the Antarctic quadrant in which they were originally sighted. 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>



*Sentinel-1A image of iceberg A-77 from August 15, 2021*

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