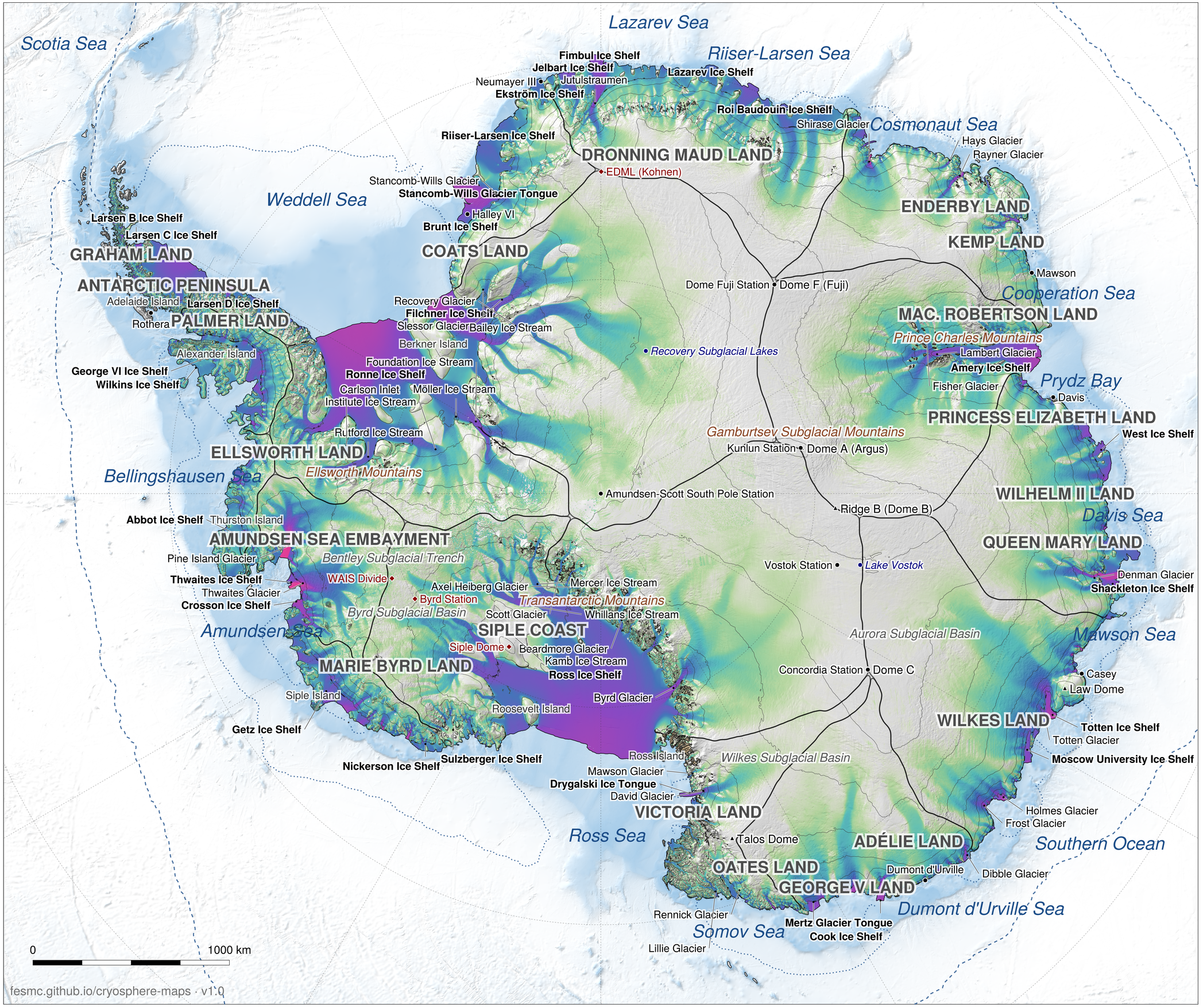
Antarctic Ice Sheet

Surface ice velocity, drainage divides and place names



Surface ice velocity [m/yr]

10 100 1000

Ocean depth [m]

0 1000 2000 3000 4000

- Ice core
- Station / settlement
- Dome
- Drainage divide
- Ice margin
- Grounding line
- 500 m surface contours
- Sea-ice edge, September
- Sea-ice edge, February

Antarctic Ice Sheet in numbers

	All	East	West	Pen.
Ice area [10^6 km^2]	**13.85**	10.57	2.85	0.43
floating [10^6 km^2]	**1.55**	0.74	0.69	0.12
Ice volume [10^6 km^3]	**26.92**	22.91	3.81	0.20
Max. thickness [m]	**5015**	5015	4358	2620
Sea-level equiv. [m]	**58.1**	52.4	5.4	0.3

East, West, Pen.(insula): IMBIE 2 regions, with ice shelves and islands given to the nearest region

Interactive map:
fesmc.github.io/cryosphere-maps

Data: bed and surface topography from BedMachine Antarctica v4 (Morlighem et al., 2020); surface ice velocity from MEaSUREs InSAR v2 (Rignot et al., 2011); drainage basins from IMBIE 2 (Rignot & Mouginot); median sea-ice edge 1981–2010 from the Sea Ice Index v4 (Fetterer et al., 2017); place names from the SCAR Composite Gazetteer of Antarctica. Key numbers computed on the map grid; sea-level equivalent of the ice above flotation. Polar stereographic projection (71°S, 0°E).