

Antarctica topography

The ice surface- and bed topography of Antarctica with elevations relative to present-day global mean sea-level. Almost 98% of the Antarctic continent surface is covered by ice and its weight is pushing down the rocky crust below it. If the continental ice sheet would melt, isostatic post-glacial rebound would cause an uplift of the rocky surface of Antarctica. Elevations are taken from the BedMachine compilations (Morlighem et al., 2020) and the Scientific colour map *‘oleron’* is used to represent bed topography accurately and to all readers.

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- Related references:
Morlighem, M., Rignot, E., Binder, T. et al. Deep glacial troughs and stabilizing ridges unveiled beneath the margins of the Antarctic ice sheet. Nature Geoscience 13, 132–137 (2020).

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