

Heard and McDonald Islands off grid sistem

Where are the Heard and McDonald Islands located?

The Heard and McDonald Islands are remote subantarctic volcanic features located in the Southern Ocean, halfway between Australia and South Africa. They are approximately 1700 km from the Antarctic continent and 4000 km southwest of mainland Australia (Australian Government 2016). Heard Island is 43 km long and 21 km wide.

Why are Heard Island and McDonald Islands isolated?

However, the site's isolation assists in reducing anthropogenic impacts upon the site's values. Heard Island and McDonald Islands are located in the Southern Ocean, approximately 1,700 km from the Antarctic continent and 4,100 km south-west of Perth.

Is there a threat to Heard Island and the McDonald Islands?

Ongoing and accelerating climate change poses an increasing risk of fundamental alterations in biodiversity. Geological processes (primarily volcanism and glacial retreat) continue undisturbed. The overall assessment is that there is a low threat to the World Heritage values of Heard Island and the McDonald Islands if visitation remains low.

Who manages the Heard & McDonald Islands?

The islands are administered under the Heard and McDonald Islands Act of 1953 and the Environment Protection and Management Ordinance of 1987 by the Antarctic Division of the national Department of Tourism, Arts & Environment (formerly the Department of the Arts, Sport, the Environment, Tourism & Territories, DASETT).

Are Heard and McDonald Islands volcanoes?

Heard and the McDonald Islands are young oceanic-island volcanoes which, together with the Kerguelen Islands 466 km to the northwest, are the only subaerial expressions of the dominantly volcanic and relatively shallow northern part of the submarine Kerguelen Plateau which has a geological history extending over 115 Ma (Davies et al. 1989).

Where is Heard Island?

Insulantarctica (7.4.9) Located in the southern Indian Ocean 4,100 km south-west of Australia and 1,700 km north of Mawson Base, Antarctica. Heard Island is at 53°06'S by 73°30'E with the McDonald Islands 43.5 km west of it at 53°03'S by 72°36'E.

Afrikaans: Heard- en McDonaldeilande Afrikaans: Heardeiland en McDonaldeilande Afrikaans: Heard en McDonald Eilande Albanian: Ishujt Hërd e Mekdonald Amharic: ??? ????? ?????? ??? Arabic: Puro han Heard ngan Kapuropod-an McDonald Arabic: ????? ???? ???? ?????????? Aragonese: Isla Heard y Islas

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McDonald

Heard Island and McDonald Islands are uninhabited, barren, Subantarctic islands in the Southern Ocean, far due south of India and roughly 400 km southeast of Kerguelen of the French ...

OverviewGeographyHistoryWildlifeAdministration and economySee alsoFurther readingExternal linksHeard Island, by far the largest of the group, is a 368-square-kilometre (142 sq mi) mountainous island covered by 41 glaciers (the island is 80% covered with ice) and dominated by the Big Ben massif. It has a maximum elevation of 2,745 metres (9,006 ft) at Mawson Peak, the historically active volcanic summit of Big Ben, to which the average ascent from shore is steeper than that for any islan...

Heard and McDonald Islands are an Australian external territory and volcanic group of barren Antarctic islands, about two-thirds of the way from Madagascar to Antarctica. The group's overall size is 372 square kilometers in area and it has 101.9 km of coastline.

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Heard Island and McDonald Islands are summits of volcanoes that emerge above the Kerguelen Plateau. This plateau is the largest submarine plateau in the southern hemisphere, estimated to have formed 115 million years ago (Wallace et al., 2002). The ...

The fine-scale circulation around the Heard and McDonald Islands and through the Fawn Trough, Kerguelen Plateau, is described using data from three high-resolution CTD sections, Argo floats and satellite maps of chlorophyll a, sea surface temperature (SST) and absolute sea surface height (SSH).We confirm that the Polar Front (PF) is split into two ...

Map showing Australia's Maritime Jurisdiction around Heard Island and McDonald Islands, including a portion of the AAT. Lambert Conformal Conic Projection, WGS84 Datum, Central ...

McDonald Island is much smaller (2.5 km²), about 100 000 years old and totally ice-free, and is predominantly composed of phonolitic rocks. 9, 10 During the campaign, signs of volcanic activity ...

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