

# Off the grid system Heard and McDonald Islands

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.

What is the significance of Heard Island & McDonald Islands?

Heard Island and the McDonald Islands, with the Kerguelen Islands, are exposed parts of the Kerguelen Plateau, possibly the largest submarine plateau on earth, and provide geochemical and isotopic insights into the formation of oceanic plateaux, mantle plume development and the separation of Australia, India and Africa from Antarctica.

How big is Heard Island & McDonald Islands?

The group's overall land area is 372 km<sup>2</sup> (144 sq mi) and it has 101.9 km (63 mi) of coastline. Discovered in the mid-19th century, the islands lie on the Kerguelen Plateau in the Indian Ocean and have been an Australian territory since 1947. Heard Island and McDonald Islands contain Australia's only two active volcanoes.

Where are Heard Island and McDonald Islands located?

The islands are a territory (Territory of Heard Island and McDonald Islands) of Australia administered from Hobart by the Australian Antarctic Division of the Australian Department of Climate Change, Energy, the Environment and Water.

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.

What is the Heard Island Wilderness Reserve management plan?

The Heard Island Wilderness Reserve Management Plan was made under the EPMA and came into effect in 1996. The management plan provided priorities for decisions that would affect the Territory, defined appropriate uses and activities, outlined management areas and contained management strategies for protecting the Territory's values.

Heard Island and McDonald Islands in the Southern Ocean A map of Heard Island and McDonald Islands. Heard Island, by far the largest of the group, is a 368-square-kilometre (142 sq mi) mountainous island covered by 41 glaciers [22] (the island is 80% covered with ice [2]) and dominated by the Big Ben massif has

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a maximum elevation of 2,745 metres (9,006 ft) at ...

Vector images of flag of Heard Island and McDonald Islands available to free download. completely free for commercial and non-commercial use (public domain) based on vector file from Wikimedia Commons; SVG, PDF (Adobe Acrobat), AI (Adobe Illustrator) or EPS format; we appreciate backlink to <https://flagpedia>

A map of Heard Island and McDonald Islands land areas updated in 2024 with recent coastline mapping and 2014 glacial... Climate and weather As you would expect of a sub-Antarctic island group situated in the middle of the Southern Ocean, the climate and...

The McDonald Islands archipelago is a group of small, rocky volcanic islands that are situated approximately 44km to the west of Heard Island. The archipelago comprises McDonald Island, Flat Island, and Meyer Rock which collectively occupy an area of 2.5 sq. km.

This 3 days itinerary is the perfect guide to the best things to see in Heard and McDonald Islands. It includes day-by-day activities, travel tips, and the top places to visit. Day 1: Arrival and Initial Exploration. Morning. Arrive at Heard Island via expedition vessel, typically from ...

Heard Island and McDonald Islands Marine Reserve (the Reserve) was proclaimed under section 344 of the EPBC Act as a Commonwealth reserve, for the purpose of protecting the conservation value of the Heard and McDonald Islands and the adjacent unique and vulnerable marine ecosystems. 104 MANAGEMENT PLAN

Mawson Peak on Heard Island is the highest Australian mountain (at 2,745 meters, it is taller than Mt. Kosciuszko in Australia proper), and one of only two active volcanoes located in Australian territory, the other being McDonald Island; in 1992, McDonald Island broke its dormancy and began erupting; it has erupted several times since, most recently in 2005

The subantarctic island group of Heard Island and McDonald Islands (HIMI) is located in the southwest Indian Ocean at about 53°S, 73°30"E. The islands are around 4,000 kilometres southwest of Western Australia, 4,700 kilometres southeast ...

Discovered in 1854 by Captain McDonald the islands were positioned by sightings from Heard Island in 1948 and shown as 5 separate islands on chart AUS 08 published in 1949. In 1971 a sketch map was drawn by Natmap following a visit by the French ship Gallieni compiled from hand held oblique photography taken from a helicopter.

Named after individual people: Captain John Heard, American sealer who sighted the island on 25 November 1853 & Captain William McDonald, who discovered the McDonald Islands close to Heard Island six weeks later, on 4 January 1854

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Karte der Inseln Die Insel Heard mit dem Vulkan Big Ben. Heard und die McDonaldinseln (englisch Heard Island and McDonald Islands) sind ein australisches Außengebiet im südlichen Indischen Ozean. Das Gebiet hat die amtliche Bezeichnung Territory of Heard Island and McDonald Islands (Abkürzung: HIMI, deutsch: Territorium Heard und McDonaldinseln). [1] Die ...

Heard Island and McDonald Islands in the Southern Ocean A map of Heard Island and McDonald Islands. Heard Island, by far the largest of the group, is a 368-square-kilometre (142 sq mi) mountainous island covered by 41 glaciers [21] (the island is 80% covered with ice [1]) and dominated by the Big Ben massif has a maximum elevation of 2,745 metres (9,006 ft) at ...

Human activities at Heard Island and McDonald Islands (HIMI) have a relatively short but diverse history. Wild and isolated Heard Island currently has no resident population but this has not always been the case.

Some wetland areas have been recorded on McDonald Island but, due to substantial volcanic activity since the last landing was made there in 1980, their present extent is unknown. Conservation significance. The Heard Island and McDonald Islands (HIMI) wetland is listed on the Directory of Important Wetlands in Australia. An analysis found that ...

Over 27 000 fish caught around Heard Island and McDonald Islands (HIMI) on the Kerguelen Plateau have been aged from sectioned otoliths in the Australian ageing program since 1999, comprising more ...

?????????(Heard Island and McDonald Islands?HIMI),?????????,???1600?????????1947?????????????????????,?????????,?????????,????????,?? ?????????? ...

Media release - Tanya Plibersek MP, Minister for the Environment and Water, 8 October 2024 Australia now protects more ocean than any other country on earth Australia now protects more ocean than any other country on earth, with the Albanese Labor Government signing off a massive 310,000 km<sup>2</sup> expansion of the sub-Antarctic Heard and McDonald [...]

1 Introduction. The McDonald Islands are a small group of remote, uninhabited, active volcanic islands located ~43 km west of Heard Island in the southern Indian Ocean (Figures 1a and 1b). The McDonald Islands, together with Heard Island and the Kerguelen Archipelago, are the only subaerial exposures on the Kerguelen Plateau (Figures 1a-1c and ...

Heard Island and McDonald Islands: Population: 0 (2020) Total area: 412 km<sup>2</sup>: Highest point: Big Ben (2 745 m, 9 006 ft) Lowest point: Indian Ocean : Internet TLD.hm, .aq: Map of Heard Island and McDonald Islands /254. Start Your Quiz. 1 / 254. Morocco Myanmar Monaco 2 / 254. Libya ...

Public consultation paper 1 Purpose of this document The Proposal to expand Heard Island and McDonald

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Islands Marine Reserve - Public consultation paper ("proclamation proposal") has been prepared to support public consultation on the proposed design of an expanded Heard Island and McDonald Islands (HIMI) Marine Reserve.

HEARD ISLAND AND MCDONALD ISLANDS by Ewan Mcivor (with two text-figures) Mcivor, E. 2007 (23:xi): Heard Island and McDonald Islands. Papers and Proceedings of the Royal Society of Tasmania 141(1): 7-10. ... the comprehensive and representative system of marine protected areas and to help protect Australia's unique marine & & & E. & &

of species of albatrosses, penguins and petrels that breed on Heard Island (Crawford et al., 2017; Rodriguez et al., 2019). However, the last recorded incidence of an IUU fishing vessel in the Heard Island and McDonald Islands Exclusive Economic Zone was more than a decade ago (IUCN Consultation, 2020a). Residential Areas

The Heard Island and McDonald Island group is one of the best places on the planet to research the biological and ecological processes of king penguin and Antarctic fur seal recolonization. Why is Heard Island forbidden? Heard Island is mostly off-limits to visitors in order to keep it free of invasive animal pests. Additionally, only three ...

HEARD AND MCDONALD ISLANDS AUSTRALIA Heard Island and the McDonald Islands are in the Southern Ocean, approximately 4,100 km south-west of Perth and 1,700 km from the Antarctic continent. Their distinctive conservation value is as one of the world's rare pristine island ecosystems which have virtually no ...

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