



# Building energy system Heard and McDonald Islands

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).

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.

When was Australian territory of Heard Island and McDonald Islands inscribed on the World Heritage List?

Australian Territory of Heard Island and McDonald Islands was inscribed on the World Heritage List in 1997. Australian Territory of Heard Island and McDonald Islands was one of 15 World Heritage places included in the National Heritage List on 21 May 2007.

What is the history of Heard Island and McDonald Island?

General map of Heard Island and McDonald Islands. Periodic Australian research expeditions have been made to Heard Island since the Australian ANARE station was closed in 1955, and occasional visits have also been made by other nations. There are only two brief recorded landings at McDonald Island, in 1971 and 1980.

When did McDonald Islands become a World Heritage Area?

In 2007 the Heard and McDonald Islands World Heritage Area was added to the National Heritage List in recognition of its national heritage significance. Australian Territory of Heard Island and McDonald Islands was inscribed on the World Heritage List in 1997.

The Heard Island and McDonald Islands Fishery is managed by limiting the catch of fish, restricting how many boats can fish and regulating what gear they can use. ... This fishery is managed under a quota system that limits ...

The station initially comprised 18 buildings, separated from each other due to fear of fire. By 1950, the first



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huts specifically designed for the conditions had been developed. ... of Heard Island may be found on the National Heritage List and the archived Register of the National Estate listing for Heard Island and McDonald Islands. Share ...

The modern phase of volcanism on Heard Island probably is younger than one million years and is responsible for building Big Ben, the bulk of the island. The nearby McDonald Islands are less than 100 000 years old and are volcanically active. ... Heard Island, McDonald Islands, Kerguelen Plateau, volcanism, volcanic activity, Big Ben, Laurens ...

Heard and Macdonald Islands in the South Indian Ocean are mapped by the Australian Surveying and Land Information Group (AUSLIG). A four-color topographic map was last revised in 1985 and published on the UTM projection, with relief shown by 20 m contours and hill shading.

: Heard Island and McDonald Islands Marine Reserve Management Plan 2014-2024. Department of the Environment, Canberra 2014, ISBN 978-1-876934-25-5 (englisch, online [PDF; 4,5 MB]). Heard Island & McDonald Islands. Offizielle Website. Australian Government - Department of the Environment and Energy - Australian Antarctic Division (englisch).

Located in the Southern Ocean, this Australian external territory comprises mainly two volcanic islands, Heard Island and the McDonald Islands, featuring stark volcanic landscapes, glaciers, and the highest mountain in Australian territory, Mawson Peak. Significance.

HEARD ISLAND AND McDONALD ISLANDS 1980 NMP/82/007 by C. Veenstra, J. Manning ... Schematic of the Data Acquisition System used on MV Cape Pillar 23 8. Raytheon bathymetric system - example of "penetration" 24 ... Sketch plan of buildings reported on at the ANARE station 61 18. ANARE living quarters, with small storage shed and coke shed 62

Natmap, as part of its topographic and bathymetric programs, mounted an expedition in March 1980 to the uninhabited Heard Island (53°06'S, 73°30' E), some 4120 kilometres from Perth ...

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Energy Building a secure and sustainable energy system for all Australians. Australia's energy strategies and frameworks. Energy and Climate Change Ministerial Council ... This report aims to review the status of information in the region of Heard Island and McDonald Islands (HIMI), to determine the future work that may enhance our ...

Conservation values in the marine environment surrounding Heard Island and the McDonald Islands



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Department of Climate Change, Energy, the Environment and Water v Summary Heard Island and McDonald Islands (HIMI) are an external Territory of Australia, located approximately 4000 kilometres southwest of Australia in the southern Indian Ocean.

Consumer Information for SCP Circular Built Environment Sustainable Food Systems Sustainable Lifestyles & Education Sustainable ... energy consumption, fossil fuel depletion, mineral depletion, air pollution (human health), water scarcity and ... in Heard Island and McDonald Islands (including but not limited to ones officially reported under ...

The Heard Island and McDonald Islands Fishery is managed by limiting the catch of fish, restricting how many boats can fish and regulating what gear they can use. ... This fishery is managed under a quota system that limits the amount of fish that boats can take in the fishery. Patagonian toothfish and mackerel icefish are managed by quota ...

HEARD AND McDONALD ISLANDS, 1980 . Reference: Dept of National Development and Energy report NMP/82/007 . ... During breaks in the scientific program we undertook various maintenance tasks on the buildings to try to preserve them for future use. In particular, the Australian recreational living hut was cleaned out and nailed up tight, and the ...

The Heard Island and McDonald Islands Marine Reserve was established in 2002. It is one of the world's largest highly protected (IUCN category 1A) marine reserves. We have prepared a report to inform the review of the marine reserve and its management plan: the Conservation values in the marine environment surrounding Heard Island and the McDonald ...

Heard Island and McDonald Islands are located in the Southern Ocean, approximately 1,700 km from the ... old fuel drums, building materials, broken glass etc. All diesel fuel was burnt and LPG cylinders were vented to minimise pollution and explosive risks in the 1980s. Asbestos is still present locally in small quantities (IUCN Consultation,

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 ...

The World Heritage List is a register of properties worldwide that exhibit outstanding universal natural and/or cultural values, and was established under the Convention Concerning the World Cultural and Natural Heritage (the World Heritage Convention).. The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) is Australia's main instrument for implementing ...

Heard and McDonald Islands Heard and McDonald Islands This is one of the wildest and remotest places on



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earth. Heard Island is dominated by Big Ben, Australia's highest mountain and an active volcano, under a deep mantle of snow and glaciers. On the horizon, the volcanic McDonald Islands rise precipitously out of the world's stormiest waters.

Australian Territory of Heard Island and McDonald Islands was inscribed on the World Heritage List in 1997. Australian Territory of Heard Island and McDonald Islands was one of 15 World Heritage places included in the National Heritage List on 21 May 2007. ... Energy Building a secure and sustainable energy system for all Australians.

The Heard and McDonald Islands marine reserve will quadruple in size, an increase of almost 310,000 km<sup>2</sup> - an area larger than Italy - and will provide greater protections for an environment unlike anywhere else in the world. ... Marine sanctuaries play a crucial role in building resilience in our marine ecosystems. "These remote islands ...

MEDIA RELEASE - 8 October 2024 An alliance of 27 environmental groups\* today welcomed the expansion of Australia's Heard Island and McDonald Islands Marine Reserve near Antarctica, but said the Government of Prime Minister Anthony Albanese had missed a rare opportunity to protect globally important feeding grounds for penguins, seals and albatross. "We welcome the [...]

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The Territory of Heard Island and McDonald Islands (HIMI) is an Australian external territory comprising a volcanic group of mostly barren Antarctic islands, about two-thirds of the way from Madagascar to Antarctica.The group's overall size is 372 km<sup>2</sup> (144 sq mi) in area and it has 101.9 km (63 mi) of coastline. Discovered in the mid-19th century, the islands lie on ...

Heard Island is 43 km long and 21 km wide. McDonald Islands are a group of uninhabited rocky islets, 40 km west of Heard Island (Encyclopaedia Britannica 2006).Heard Island has approximately 362.5 km<sup>2</sup> of area and the McDonald Island, 2.6 km<sup>2</sup>.The site includes the adjacent offshore rocks and shoals and all territorial waters to a distance of 12 nautical ...



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