

Heard and McDonald Islands electricity backup system

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.

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 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.

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.

How big is Heard Island & McDonald Islands?

The group's overall land area is 372 km² (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.

What is the difference between McDonald Island and Heard Island?

Heard Island is approximately 362.5 km² in area and is 43 km long and 21 km wide. The McDonald Islands are a group of uninhabited rocky islets, which are 2.6 km² in total area and are 40 km west of Heard Island.

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

Big Ben has erupted several times over the past two decades. McDonald Island lies 43.5 kilometres due west of Heard Island, and is the major island in the McDonald Islands group. It is a mere 186 metres high and it too

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...

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 ...

Human activities at Heard Island and McDonald Islands (HIMI) have a relatively short but diverse history. ... Australia and the Antarctic Treaty System; History of the Antarctic Treaty; The Madrid Protocol; ... Department of Climate Change, Energy, the Environment and Water. Australian Antarctic Division.

Satellitbild av sydspetsen av Heard Island. Kap Arkona ses på vänster sida av bilden, med Lied Glacier strax ovanför och Gotley Glacier strax nedanför. Big Ben Volcano och Mawson Peak ses längst ned till höger på bilden. Heard- och McDonaldöarna, Heard and McDonald Islands, är en obebodd australisk ögrupp i södra Indiska oceanen.

While Heard Island is larger, the volcanic action on the smaller McDonald Island group, about 43km to the west, is much more violent. A map of Heard Island and the McDonald Islands. (ABC: Kate ...

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.

The California Energy Commission has \$595 million to fund bulk grid assets and new zero- or low-emission resources that will be made available during emergency events, and is working its way through finalizing the guidelines for the program.

Heard Island and McDonald Islands, subantarctic island groups, together forming an external territory of Australia and lying in the southern Indian Ocean 2,500 miles (4,000 km) southwest of Perth. Volcanic in origin, Heard Island is 27 miles (43 km) long, 13 miles (21 km) wide, and rises to 9,005 feet (2,745 metres) at Mawson Peak on Big Ben Mountain.

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 ...

Download data on annual catch and effort from AFMA logbooks. Total fishery value. Confidential due to the small number of fishers. Fishing gear. In the Heard Island and McDonald Islands Fishery, fishers mainly use longline fishing gear (demersal or bottom longline) to catch Patagonian toothfish and trawl gear (demersal or

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bottom trawl) for mackerel icefish.

L'isola Heard è di gran lunga la maggiore del gruppo, con una superficie di 368 km²; è brulla e montuosa, coperta per l'80% di ghiacci e dominata dal Mawson Peak, un vulcano alto 2.745 m che fa parte del massiccio chiamato Big Ben. Mawson Peak è uno dei due soli vulcani attivi del territorio australiano; l'altro si trova sull'isola McDonald. È anche uno dei monti più elevati dell ...

Photos of Heard Island and McDonald Islands. view 3 photos. Country Flag. View Details. Country Map. View Details. Locator Map. View Details. Contents. Introduction. Geography ... Legal system. Diplomatic representation in the US. Diplomatic representation from the US. Flag description. National heritage. Communications. Internet country code.

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 McDonald

. 3 Transit to McDonald Islands, 29 February to 11 March . 4 McDonald Island to McDonald Island, 12-14 March 1980 .5 Heard Island to Heard Island 18-25 March 1980 .6 Heard Island to Iles Kerguelen 27-29 March 1980 . 7 Transit to Fremantle 30 March to 7 April 1980 . 8 References Part Three: Scientific reports

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. As the only volcanically active subantarctic islands they "open a window into the earth", thus providing the opportunity to observe ongoing geomorphic

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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...

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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



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Antarctica. The group's overall size is 372 km² (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 ...

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 ...

Many vascular plants are also found on the Heard and McDonald Islands. Elephant seals in Heard Island. Image source: Heard Island Expedition/laikolosse/Flickr. The main native fauna of the Heard and McDonald Islands include several insects along with large populations of seals, penguins, petrels, albatrosses, and other seabirds.

McDonald Island lies 43.5 kilometres due west of Heard Island, and is the major island in the McDonald Islands group. Satellite images taken in 2004 give evidence of significant volcanic activity over the last decade, which has seen the island increase in size from 1km² to 2.5 km².

A second major volcanic cone on the island forms Mt Dixon, which is 700 metres above sea level in the centre of the Laurens Peninsula on the Island's western extremity. The McDonald Islands are small in comparison to Heard Island with the main feature of the group being only 2.45 square kilometres and rising a mere 230 metres.

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 ...

The new Heard and McDonald Islands report was launched in Parliament House on March 27, ahead of the official government review of the Heard and McDonald Islands protection area. The goal of taking the report to Parliament, Dr Constable says, was to open channels of communication between policy-makers and scientists.

??? (Heard Island), ??????, ?????????????3800??, ??????2000??, ?????????40??, ?????????????1953?, ?????????????????1997 ?????????????????????????????? ...

Overview Administration and economy History Geography Wildlife See also Further reading External links The United Kingdom formally established its claim to Heard Island in 1910, marked by the raising of the Union Flag and the erection of a beacon by Captain Evensen, master of the Mangoro. Effective government, administration and control of Heard Island and the McDonald Islands was transferred to the Australian government on 26 December 1947 at the commencement of the first

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HEARD AND McDONALD ISLANDS, 1980 . Reference: Dept of National Development and Energy report NMP/82/007 vessel commenced soundings and they continued throughout the voyage using a Magnavox Satellite Navigation Positioning System. This was coupled to an Atlas Deso 10 Depth Sounder. Water depths up to 1400m were recorded.

Heard Island and McDonald Islands is the only sub-Antarctic island group with almost no human-introduced species. Beyond "the shallows" - the case for expanding the reserve When the original reserve was designed it was noted that future management should consider whether sufficient representation of the different kinds of habitats ...

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