

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.

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 threatto the World Heritage values of Heard Island and the McDonald Islands if visitation remains low.

Where are heard and McDonald Islands?

Heard and McDonald Islands are remote sub-Antarctic volcanic islands located in the southern Indian Oceanabout half-way between Australia and South Africa, and just over 1,600 kilometres from Antarctica. The property covers a total area of 658,903 hectares of which about 37,000 hectares is terrestrial, and the remainder marine.

What is the difference between heard and McDonald Islands?

The geological histories of Heard and the Kerguelen Islands extend over the last 50 Ma while the McDonald Islands are very young, perhaps having formed within the last 100 000 years.

How big is Heard Island & McDonald Islands?

The group's overall land area is 372 km 2 (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.

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 ...



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.

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

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 Southern and Antarctic Lands. The islands are administered by Australia and listed as a UNESCO World Heritage site. Although it's administered by Australia, the islands are approximately 4,000 ...

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Due to the extreme isolation of Heard Island and McDonald Islands (HIMI), together with the persistently severe weather and sea conditions, human activities in the region have been, and remain, limited. ... studying the glacial systems of Heard Island as an indicator of climate change and variability; monitoring long-term trends in seabird ...

Location and Values: The Heard and McDonald Islands are remote sub-Antarctic volcanic islands located in the far south of the Indian Ocean, about 1,600 km from Antarctica and half-way between Australia and South Africa. They lie a little to the south of the French Austral Lands and Seas, and include an extensive surrounding marine reserve (which accounts for 94% of the ...

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 ...

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 ... lead and helium known from any oceanic island volcano system. Big Ben on Heard Island is the only known continuously active ...



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

Heard Island and McDonald Islands Marine Reserve Management Plan . 2014-2024. ISBN: 978-1876934-255. ... Representative System of Marine Protected Areas. In recognition of its outstanding natural universal values, the Territory was inscribed on the World Heritage List in December 1997.

De Heard en McDonaldeilanden (Engels: Heard Island and McDonald Islands (HIMI)) zijn een onbewoonde onherbergzame subantarctische eilandengroep in het zuiden van de Indische Oceaan op de breedtegraad van Vuurland en op dezelfde lengtegraad als Mumbai.Ze liggen op 1700 km van Antarctica en op 4100 km zuidwestelijk van Perth eilanden vallen onder de ...

McDonald Island is much smaller (2.5 km 2), 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 ...

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 ...

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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 processes and glacial dynamics. ...

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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 2 of area and the McDonald Island, 2.6 km 2. The site includes the adjacent offshore rocks and shoals and all territorial waters to a distance of 12 nautical ...

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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 ...

Heard Island and McDonald Islands Fishery Management Plan 2002 v Compilation No. 4 Compilation date: 04/05/2016 fishery means the Heard Island and McDonald Islands Fishery. fishing year means a period of 12 months beginning on 1 December in any year. Heard Island and McDonald Islands Fishery means fishing for fish of a

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 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 the ...

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 ...

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 ...

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.

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.

Management plans also explain what the objectives are for managing the area, and what the managers will do to help meet those objectives.. It is a requirement of the Environment Protection and Biodiversity



Conservation Act 1999 (the EPBC Act), under which the Heard Island and McDonald Islands (HIMI) Marine Reserve was declared, that a management plan be prepared ...

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A Ilha Heard e as Ilhas McDonald (nome oficial: Território das Ilhas Heard e McDonald), [1] [2] [3] é um território externo australiano que compreende um grupo vulcânico de ilhas antárticas inóspitas e desabitadas, localizadas no oceano Índico, a cerca de dois terços do caminho de Madagáscar para a Antártida.A área total do grupo é de 372 km² e tem 101,9 km de litoral.

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