

Heard and McDonald Islands island power systems

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.

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 km² (144 sq mi) and it has 101.9 km (63.3 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.

Does Heard Island have a harbour?

Heard Island and the McDonald Islands have no ports or harbours; ships must anchor offshore. The coastline is 101.9 km (63.3 mi) in extent, and a 12 nmi (22 km) territorial sea and 200 nmi (370 km) exclusive fishing zone are claimed. [2]

Where is Heard Island located?

Key Words: sub-Antarctic islands, Heard Island, McDonald Islands. The Heard Island and the McDonald Islands (HIMI) group is located in the Indian Ocean sector of the Southern Ocean at approximately 53°S 73°E, some 4000 km southwest of Western Australia, 4700 km southeast of Africa and 1000 km north of the Antarctic continent.

What is the difference between Heard Island and McDonald Island?

Heard Island - 80% ice-covered, bleak and mountainous, dominated by a large massif (Big Ben) and an active volcano (Mawson Peak); McDonald Islands - small and rocky fish Mawson Peak, an active volcano, is on Heard Island

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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1947????????????? 1997?????????????(????)???????

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.

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 ...

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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 ...

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 Kerguelen ...

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 ...

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 ...

Heard Island and McDonald Islands. Antarctica. Page last updated: November 27, 2024. Photos of Heard Island and McDonald Islands. view 3 photos. Country Flag. View Details. ... Legal system. Diplomatic representation in the US. Diplomatic representation from the US. Flag description. National heritage. Communications. Internet country code.

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

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they "open a window into the earth", thus providing the opportunity to observe ongoing geomorphic processes and glacial dynamics. ...

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 ...

Key Words: sub-Antarctic islands, Heard Island, McDonald Islands. **LOCATION AND PHYSICAL CHARACTERISTICS** The Heard Island and the McDonald Islands (HIMI) group is located in the Indian Ocean sector of the Southern Ocean at approximately 53°S 73°30'E, some 4000 km southwest of Western Australia, 4700 km southeast of Africa and 1000

In the heart of the Southern Ocean lies a haven for wildlife: Heard Island and McDonald Islands (known as HIMI) - home to some of the most iconic and ecologically significant penguin species on the planet. ... These magnificent ...

Heard Island and McDonald Islands Geographic coordinates. Heard Island and McDonald Islands is located at latitude -53.08181 and longitude 73.504158. It is part of Antarctic and the southern hemisphere.

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.

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