

Heard and McDonald Islands reference energy system

What is the Heard Island & McDonald Islands Marine Reserve?

One of the world's largest highly protected IUCN category 1A marine reserves the Heard Island and McDonald Islands Marine Reserve was established by Australia in the waters surrounding HIMI in 2002.

Where are the Heard and McDonald Islands located?

The Heard and McDonald Islands are remote subantarctic volcanic features located in the Southern Ocean, halfway between Australia and South Africa. They are approximately 1700 km from the Antarctic continent and 4000 km southwest of mainland Australia (Australian Government 2016). Heard Island is 43 km long and 21 km wide.

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.

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 Heard Island and McDonald Island?

Heard Island is dominated by Big Ben (an active volcano rising to a height of 2,745 metres), and is largely covered by snow and glaciers. McDonald Island is much smaller, covering only 100 hectares at the time of inscription, and is surrounded by several smaller rocks and islands.

Where is Heard Island located?

The Australian Territory of Heard Island and the McDonald Islands, centred on Heard Island at 53°06'S; 73°32'E, is one of the most isolated regions on Earth, lying in the central southern Indian Ocean. Its closest neighbour is the French Kerguelen Islands, approximately 466 km to the northwest.

. 4 Marine geophysical operations in the vicinity of Heard and McDonald Islands . 1 Introduction . 2 Test cruise, Melbourne to Perth . 3 Transit to McDonald Islands, 29 February to 11 March . 4 McDonald Island to McDonald Island, 12-14 March 1980 . 5 ...

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 ...

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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 ...

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 ...

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

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.

43 kilometres west of Heard Island. Heard Island is 368 square kilometres in area. Following significant subsea volcanic activity, McDonald Island is now approximately three square kilometres in area. The Reserve is some 71,000 square kilometres in area. Governance and people The Territory of Heard Island and McDonald Islands

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

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 ...

Maps of (a) the Kerguelen Plateau (30 arc-sec bathymetry GEBCO_2014); (b) Central Kerguelen Plateau, with Heard Island and McDonald Islands (HIMI) showing paleo-ice sheet margin (white line; 100-m bathymetry (Beaman & O'Brien, 2011)); (c) McDonald Islands study sites (MCD1 and MCD2); (d) Heard Island study site (HRD1). (c) and (d) 10-m ...

Am Strand von Heard. Das Territorium liegt 1668 km nördlich von Ostantarktika, 3843 km südwestlich von Western Australia und 4205 km südöstlich von Südafrika. Das nächste Land sind die Kerguelen, 445 km im Nordwesten.. Es besteht aus der Insel Heard mit der

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Nebeninsel Shag sowie den 43 km westlich davon gelegenen McDonald-Inseln, aus einigen kleinen Schären ...

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 ...

Map of Heard and McDonald Islands Map of the islands. The geography of the Heard Island and McDonald Islands (HIMI) refers to the geography of Heard Island and the McDonald Islands, one of the most remote places on earth. The islands belong to Australia and are located 4,000 kilometres (2,485.5 mi) southwest of the mainland in the Southern Ocean. These subantarctic ...

Wakefield Reef, Deacock " " and Glacier I. General map of Heard Island and McDonald Islands. ~ Heard Island and McDonald Islands 9 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.

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 ...

@misc{etde_292755, title = {Reference Energy System (RES): conception, elaboration and application; O sistema energetico de referencia: concepcao, construcao e aplicacao} author = {Busse, Adolpho Gomes, Silva, Affonso Maria Furtado da, and Barroso, Luiz Pereira} abstractNote = {This work presents a brief description of the Energy Reference System (RES) ...

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