

# Heard and McDonald Islands energy photovoltaic

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.

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.

Does Heard Island have a benthic fauna?

The benthic fauna at Heard Island is diverse, with over 500 distinct invertebrate taxa identified in bottom samples from the banks, shallow plateau and slopes down to 1000 metres (Hibberd, 2014). Highest diversity is observed on the shallow plateau northwest of HIMI and on Shell Bank.

Does Heard Island have high resolution bathymetry?

High resolution bathymetry of the seafloor around Heard Island has been updated in 2011 (Beaman & O'Brien, 2011) and 2023 (Beaman, 2023) to incorporate single beam data from fishing vessels and multi-beam data from research voyages, including from the 2016 and 2020 voyages by the RV Investigator (Coffin et al., 2020).

Will grass affect the Heard Island ecosystem?

The extent to which the presence of the grass will influence the Heard Island's ecosystems is unknown. Ongoing and accelerating climate change poses an increasing risk of fundamental alterations in biodiversity. Geological processes (primarily volcanism and glacial retreat) continue undisturbed.

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.

Heard Island and McDonald Islands, subantarctic island groups, together forming an external territory of



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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.

Satellitbild av sydspetsen av Heard Island. Kap Arkona ses p&#229; v&#228;nster sida av bilden, med Lied Glacier strax ovanf&#246;r och Gotley Glacier strax nedanf&#246;r. Big Ben Volcano och Mawson Peak ses l&#228;ngst ned till h&#246;ger p&#229; bilden. Heard- och McDonald&#246;arna, Heard and McDonald Islands, &#228;r en obebodd australisk &#246;grupp i s&#246;dra Indiska oceanen.

Landesname: Heard and McDonald Islands [h?rd ?nd m?k'd?nl?d 'a?l?ndz] bzw. Heard Island and McDonald Islands (HIMI) (englisch) Amtliche Langform: Territorium der Heard- und McDonald-Inseln - Territory of Heard and McDonald Islands (englisch) Etymologie: Heard-Insel: 1853 nach dem US-amerikanischen Seefahrer John J. HEARD benannt - McDonald-Inseln: 1854 nach ...

Please accept this as a submission to the draft proclamation for Heard and McDonald Islands Marine Park and the Notice of Intent to Create the Heard and McDonald Islands Marine Park ...

HEARD AND McDONALD ISLANDS, 1980 . Reference: Dept of National Development and Energy report NMP/82/007 . Extract from the Australian Government, Antarctic Division web site In 1979/80, a National Mapping expedition visited Heard Island for little more than two weeks. During this visit, the second landing was made on McDonald ...

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 ...

Please accept this as a submission to the draft proclamation for Heard and McDonald Islands Marine Park and the Notice of Intent to Create the Heard and McDonald Islands Marine Park Management Plan. Sincerely, First name Last ...

The subantarctic island group of Heard Island and McDonald Islands (HIMI) is located in the southwest Indian Ocean at about 53&#176;S, 73&#176;30"E. The islands are around 4,000 kilometres southwest of Western Australia, 4,700 kilometres southeast ...

Please accept this as a submission to the draft proclamation for Heard and McDonald Islands Marine Park and the Notice of Intent to Create the Heard and McDonald Islands Marine Park Management Plan. Sincerely, First name Last name Email Postcode . Department of Climate Change, Energy, the Environment and Water consultation hub and privacy notice

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

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mountain in Australian territory, Mawson Peak. Significance.

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 ...

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

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 Heard Island and McDonald Islands is a country located in on the continent of . The population of Heard Island and McDonald Islands consists of 0 people, whereof 0 are male and 0 female.

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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