

# Active solar energy Heard and McDonald Islands

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.

What's happening on Heard Island & McDonald Islands?

Landing stores, Atlas Cove, Heard Island with Rogers Head in background Photo: Alan Campbell-Drury 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.

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.

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

Is McDonald Island a volcano?

McDonald Island has been an active volcano since it emerged from dormancy in 1992, and the island doubled in size after an eruption in 1996. In 1997, the islands were named a UNESCO World Heritage Site.

The Territory of Heard Island and McDonald Islands [2] [3] (HIMI; [4] ISO 3166 region code: HMD, HM, 334; [5]) 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 land area is 372 km<sup>2</sup> (144 sq mi) and it has 101.9 km (63 mi) of coastline.

This 3 days itinerary is the perfect guide to the best things to see in Heard and McDonald Islands. It includes day-by-day activities, travel tips, and the top places to visit. Day 1: Arrival and Initial Exploration. ... the island's active volcano. Depending on weather and volcanic activity, you may be able to approach the lower

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slopes and ...

The December solstice (summer solstice) in Territory of Heard Island and McDonald Islands is at 2:20 pm on Saturday, December 21, 2024. In terms of daylight, this day is 9 hours, 25 minutes longer than the June solstice. In locations south of the equator, the longest day of the year is around this date.

Heard Island and McDonald Islands Marine Reserve Management Plan . 2014-2024. ISBN: 978-1876934-255. ... Heard Island's topography is dominated by the active volcanic cone known as Big Ben which rises to a height of 2745 metres at Mawson Peak (Stephenson et al. 2005). Mawson Peak is Australia's highest peak

Duke Energy's Bay Trail Renewable Energy Center, a solar plant in Crystal River capable of producing 74.9 megawatts of energy, officially started activity Friday, June 10. The solar site is one of 10 total plants in various locations across the state that will generate a combined 750 megawatts.

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 ...

An alliance of 27 environmental groups\* today welcomed the expansion of Australia's Heard Island and McDonald Islands Marine Reserve near Antarctica, but said the government of Prime Minister Anthony Albanese had missed a rare opportunity to protect globally important feeding grounds for penguins, seals and albatross. The Pew Charitable Trusts" ...

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The Heard and McDonald Islands marine reserve will quadruple in size, an increase of almost 310,000 km2 - an area larger than Italy - and will provide greater protections for an environment unlike anywhere else in the world. ... "They also feature Australia's only active volcanoes, including Heard Island's ice-covered Big Ben, which ...

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 volcanically active islands of Heard and McDonald are in the Southern Ocean, 1700 km from the Antarctic continent, as part of Australian territory. They are one of the most pristine ecosystems ...

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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<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 ...

Approval of the Heard Island and McDonald Islands Marine Reserve Management Plan 2014-2024. ... Administered by . Department of Climate Change, Energy, the Environment and Water ; This item is authorised by the following title: Environment Protection and Biodiversity Conservation Act 1999 ... Filter active. Table of contents . Enter text to ...

Conservation values in the marine environment surrounding Heard Island and the McDonald Islands Department of Climate Change, Energy, the Environment and Water v Summary Heard Island and McDonald Islands (HIMI) are an external Territory of Australia, located approximately 4000 kilometres southwest of Australia in the southern Indian Ocean.

"Quadrupling the size of the Heard and McDonald Islands marine park would protect more of our oceans around the island and seals, albatross and whales, that call these oceans home. "This proposal would mean protecting additional oceans the size of Italy and bring half of Australian oceans under protection, while allowing the sustainable fishing ...

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