

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'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.

How big is Heard Island & McDonald Islands?

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. 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.

How many people have landed on Heard Island?

Since the first landing on Heard Island in 1855, there have been only approximately 240 shore-based visits to the island, and only two landings on McDonald Island (in 1971 and 1980).

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]

Does the Australian Antarctic Division have a refuge on Heard Island?

The Australian Antarctic Division (AAD) generally maintains one or two refuges on Heard Island which are equipped with basic provisions, but because their presence and ability to be maintained varies with AAD's operational requirements these cannot be relied upon for shelter.

# HEARD AND MCDONALD ISLANDS ZIA SOLAR POWER



Commonwealth of Australia since 1953. The Heard Island and McDonald Islands Act 1953 provides the legislative basis for the Territory's administration. Administration of the Territory is the responsibility of the Australian Government department that administers the Heard Island and McDonald Islands Act 1953. This responsibility has



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L'isola Heard e le isole McDonald sono isole disabitate che si trovano nell'Oceano Antartico, a circa due terzi di distanza tra il Madagascar e l'Antartide. Esse costituiscono un territorio esterno australiano dal 1947 e contengono i due soli vulcani attivi presenti sul territorio australiano, uno dei quali (Mawson Peak) ? anche la montagna australiana pi? elevata, con 2.745 metri.

# HEARD AND MCDONALD ISLANDS

## ZIA SOLAR POWER



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 ???



The McDonald Islands are small, rocky and actively volcanic. The islands are populated by large numbers of seal and bird species, and have been designated a nature reserve. There are 4 types of penguins that are located on Heard Island. With the only two active volcanoes in Australian territory the islands are situated on the Kerguelen Plateau.



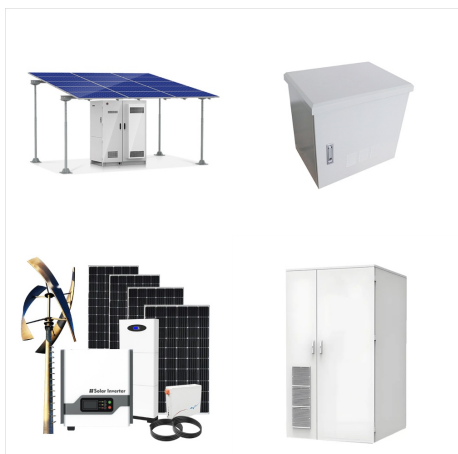
Located in the Southern Ocean, this Australian external territory comprises mainly two volcanic islands, Heard Island and the McDonald Islands, featuring stark volcanic landscapes, glaciers, and the highest mountain in Australian territory, Mawson Peak. Significance.

# HEARD AND MCDONALD ISLANDS

## ZIA SOLAR POWER



"the Territory " means the Territory of Heard Island and McDonald Islands. 3. Heard Island and McDonald Islands (being the islands described Territory Heard Iulando in the Schedule to this Act) are declared to be a Territory of the and McDonald Commonwealth by the name of the Territory of Heard Island and Wands. McDonald Islands. F.3054.-11



(? 1/4 ?Heard Island and McDonald Islands,? 1/4 ?HIMI),,1947,1997 (??? ???



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# HEARD AND MCDONALD ISLANDS

## ZIA SOLAR POWER



Heard and McDonald Islands: A Comprehensive Guide for Tourists Table of Contents Introduction Geography and History 2.1 Heard Island 2.2 McDonald Islands Climate and Wildlife Travel Information 4.1 How to Get There 4.2 When to Visit 4.3 What to Pack Things to Do and See Safety and Regulations Tips for Responsible Travel Useful Resources 1. Introduction ???



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 km<sup>2</sup> (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 ???



??? Heard Island and McDonald Islands ??? The Federated States of Micronesia ??? New Caledonia ??? New Zealand ??? Norfolk Island ??? Papua New Guinea ??? French Polynesia an auction for concentrated solar power (CSP) was held in the state of South Australia and 150 MW was awarded at a price of USD 0.061/kWh (IRENA, 2019a). 68 GLOBAL

# HEARD AND MCDONALD ISLANDS ZIA SOLAR POWER



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 ???



One potential power source the government is working to harvest is the estimated 175 billion tons of lignite coal in Pakistan's share of the Thar Desert in the Sindh province. Research Analyst at the Muslim Institute Basit Zia shares Abbasi's concerns about underground water pollution in Thar and also points out that the environmental



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# HEARD AND MCDONALD ISLANDS

## ZIA SOLAR POWER



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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 ???

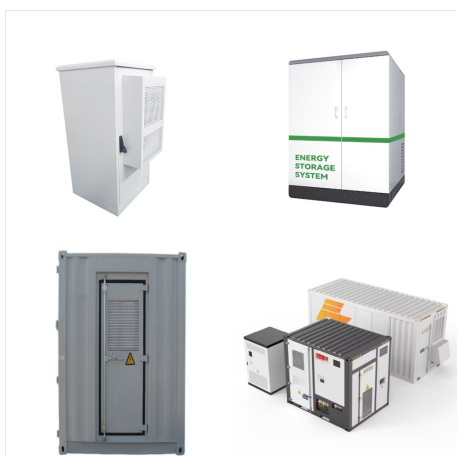


The two small triangles are the McDonald Islands, mostly small rock islands and not nearly as impressive as Heard. I know that they probably are not as green as on the flag, but I simply didn't want to have grey on there. Lastly there's the southern cross from the Australian flag, following the lead of Christmas Island and the Cocos Islands.

# HEARD AND MCDONALD ISLANDS ZIA SOLAR POWER



Heard- och McDonald?arna, Heard and McDonald Islands, ?r en obebodd australisk ?grupp i s?dra Indiska oceanen. ?gruppen best?r av Heard?n, Heard Island, 368 km?, McDonald Island, 1 km?, samt n?gra mindre ?ar. Den uppt?cktes av amerikanen John Heard 1853. [1]



Les ?les Heard-et-MacDonald, en anglais Heard and McDonald Islands et Territory of Heard Island and McDonald Islands [1], sont un territoire ext?rieur de l'Australie situ? dans le sud de l'oc?an Indien, sur la plaque antarctique. Il est constitu? d'un petit archipel, les ?les McDonald, ainsi que d'une ?le isol?e, l'?le Heard. Situ? ? 422 km au sud-sud-est des ?les Kerguelen, ? 1 ???



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# HEARD AND MCDONALD ISLANDS

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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. Power is supplied by small diesel generators, solar cells and wind generators. Wastes are stored for return to Australia, incinerated



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Heard Island and McDonald Islands 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.

# HEARD AND MCDONALD ISLANDS

## ZIA SOLAR POWER



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Time for sunrise, sunset, moonrise, and moonset in  
Territory of Heard Island and McDonald Islands ???  
Heard and McDonald Islands ??? Australia. Dawn  
and dusk (twilight) times and Sun and Moon  
position. Takes into account Daylight Saving Time  
(DST). Solar Noon; Feb Sunrise Sunset Length  
Diff. Time Mil. mi; Feb 16: 5:04 am: 7:33 pm:  
14:29:07