

# Heard and McDonald Islands solarpower system

Who manages the Heard & McDonald Islands?

The islands are administered under the Heard and McDonald Islands Act of 1953 and the Environment Protection and Management Ordinance of 1987 by the Antarctic Division of the national Department of Tourism, Arts & Environment (formerly the Department of the Arts, Sport, the Environment, Tourism & Territories, DASETT).

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.

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.

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.

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.

Are Heard and McDonald Islands volcanoes?

Heard and the McDonald Islands are young oceanic-island volcanoes which, together with the Kerguelen Islands 466 km to the northwest, are the only subaerial expressions of the dominantly volcanic and relatively shallow northern part of the submarine Kerguelen Plateau which has a geological history extending over 115 Ma (Davies et al. 1989).

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

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seabirds.

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 ...

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 has an active volcano. The McDonald Islands are so volcanically active they have doubled in area since 1980.

Tokelau, an island nation in the South Pacific, is now completely able to support itself with solar energy. Elly Earls met Joseph Mayhew of the New Zealand Aid Programme to find out how this tiny collection of atolls has become almost 100% self-sufficient in less than 12 months. ... Each system alone is among the largest off-grid solar power ...

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- The first phase of the Virgin Islands Water and Power Authority's (WAPA) plan to develop an 18-megawatt (MW) microgrid, complete with a battery storage system, for the west end of St. Croix, Virgin Islands. About Ameresco. Ameresco Inc (Ameresco) is a provider of comprehensive renewable energy services.

Key Words: Heard Island, McDonald Islands, Kerguelen Plateau, volcanism, volcanic activity, Big Ben, Laurens Peninsula, plume systems INTRODUCTION 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

Australia's National Representative System of Marine Protected Areas. As well as HIMI's great value to the people of Australia, recognised through the ... Heard Island and McDonald Islands Marine Reserve 103 Climate 105 Terrestrial Environment 107 Geology and Geomorphology 107 Glaciology 110 Terrestrial and Coastal Flora 111

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 Island and McDonald Islands : Introduction: Heard Island and McDonald Islands: Background: These uninhabited, barren, sub-Antarctic islands were transferred from the UK to Australia in 1947. Populated by large numbers of seal and bird species, the islands have been designated a nature preserve. ... Legal system:

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the laws of Australia ...

The World Heritage List is a register of properties worldwide that exhibit outstanding universal natural and/or cultural values, and was established under the Convention Concerning the World Cultural and Natural Heritage (the World Heritage Convention).. The Environment Protection and Biodiversity Conservation Act 1999 (EPBC Act) is Australia's main instrument for implementing ...

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 on the Kerguelen Plateau in the southern Indian Ocean consists primarily of the emergent portion of two volcanic structures. The large glacier-covered composite basaltic-to-trachytic cone of Big Ben comprises most of the island, and the smaller Mt. Dixon lies at the NW tip of the island across a narrow isthmus. Little is known about the structure of Big Ben ...

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 ...

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.

Location and Values: The Heard and McDonald Islands are remote sub-Antarctic volcanic islands located in the far south of the Indian Ocean, about 1,600 km from Antarctica and half-way between Australia and South Africa. They lie a little to the south of the French Austral Lands and Seas, and include an extensive surrounding marine reserve (which accounts for 94% of the ...

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 recently in 2005

HEARD ISLAND AND MCDONALD ISLANDS by Ewan Mcivor (with two text-figures) Mcivor, E. 2007 (23:xi): Heard Island and McDonald Islands. Papers and Proceedings of the Royal Society of Tasmania 141(1 ): 7-10. ... the comprehensive and representative system of marine protected areas and to help protect Australia's unique marine & & & & &

This 3 days itinerary is the perfect guide to the best things to see in Heard and McDonald Islands. It includes



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.

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. The islands are administered by Australia and listed as a UNESCO World Heritage site. Although it's administered by Australia, the islands are approximately 4,000 ...

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Island),?????,????????????3800??,?????2000??,????????40??,????????????1953?,????????????????1  
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Page 4/5



# Heard and McDonald Islands solarpower system

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