

Solar panels work Heard and McDonald Islands

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.

Are there scientific studies on Heard Island?

Although hindered by the extreme isolation and unfavourable working conditions, scientific studies have been carried out on Heard Island since the first research visit by scientists from the HMS Challenger in 1874. See the Research Expeditions pages in the History section of this website for more information.

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).

How many private yachts have visited Heard Island?

A low number of private yachts and commercial tourist vessels have visited Heard Island, although few successful landings have been made due to poor weather. Other private expeditions have included brief visits by ham radio enthusiasts, private scientific groups and mountaineering parties.

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.

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

The Philippines has a population of 115 million people across over 7,500 islands; geographical location can make total electrification difficult - especially on a single central grid. Therefore, microgrids that serve local communities have been gaining traction. These systems easily incorporate solar power to ensure access to clean energy.

A map showing the location of Heard Island and the McDonald Islands. (ABC: Kate Doyle) Doug Thost, a former glaciologist with the Australian Antarctic Division, which administers the island, has ...

Heard Island is 43 km long and 21 km wide. McDonald Islands are a group of uninhabited rocky islets, 40 km

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west of Heard Island (Encyclopaedia Britannica 2006). Heard Island has approximately 362.5 km² of area and the McDonald Island, 2.6 km². The site includes the adjacent offshore rocks and shoals and all territorial waters to a distance of 12 nautical ...

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.

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) è anche la montagna australiana più elevata, con 2.745 metri.

In the heart of the Southern Ocean lies a haven for wildlife: Heard Island and McDonald Islands (known as HIMI). HIMI are a sub-Antarctic island group and Australian external territory located in the Southern Ocean, around 4,000km southwest of Australia and 1,000 km north of Antarctica.

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

It turns out solar panels can actually make some locales hotter. The researchers simulated an idealized scenario: an Earth with deserts and urban areas completely covered in solar panels. (Because weather depends on so many factors, the group had to model an extreme scenario to confirm the changes they observed were actually due to solar panels.)

Solar panels at the Ramsey Renewable Station, in Ramsey, Minn., on July 1, 2024. As solar projects unfurl across the United States, sites offer a way to fight climate change while also tackling an ...

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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. Morning. Arrive at Heard Island via expedition vessel, typically from ...

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.

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Discovered in the mid-19th century, the islands lie on ...

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. As the only volcanically active subantarctic islands they "open a window into the earth", thus providing the opportunity to observe ongoing geomorphic processes and glacial dynamics. ...

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Conservation of marine habitats in the region of Heard Island and McDonald Islands ANZAC Peak, Heard Island Australian Antarctic Division photo by G.W. Johnstone © Commonwealth of Australia Final Report on Stage 1 to Environment Australia 14 January 2000 L. Meyer, A. Constable and R. Williams Australian Antarctic Division Kingston, Tasmania

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