

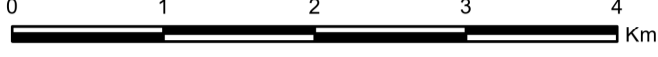
MACQUARIE ISLAND ENVIRONMENT

TASMANIA

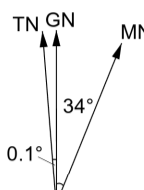
Edition 6

Australian Government
Department of Climate Change, Energy,
the Environment and Water
Australian Antarctic Division

SCALE 1 : 50 000
(print size 500mm x 760mm)



Projection: Universal Transverse Mercator, Zone 57
Horizontal Datum: World Geodetic System 1984
Vertical Datum: Mean Sea Level



True, Grid and Magnetic North are shown diagrammatically for the centre of Macquarie Island. Magnetic North is correct for June 2024 and moves easterly by about 0.19° each year.

Flying bird nesting area

- Black-browed albatross
- Grey-headed albatross
- Southern giant petrel
- Wandering albatross

Penguin colony

- Gentoo penguin
- King penguin
- Rockhopper penguin
- Royal penguin

Seal haulout area

- Fur seal
- Southern elephant seal

Dam

•340 Spot elevation (m)

• Refuge

• Emergency cache

• SAR cache

• VHF repeater

• Digestor(s)

• Trypot(s)

• Cave(s)

• Grave(s)

• Shipwreck

• Building

--- Walking track

Coastal tracks may change slightly to accommodate for wildlife and terrain conditions

--- Road

--- Stream, falls

--- Contour (100 m interval)

--- Contour (20 m interval)

--- Coastline

--- Dangerous coastline. Must be avoided.

--- Difficult coastline to access. Should be avoided.

203 Lake (and elevation)

Elevations are in metres above mean sea level

□ Maintenance access only

Operational access only with Station Leader approval for standard maintenance of Gadget Gully/Dam

Special Management Areas (SMA) as at March 2024

<https://parks.tas.gov.au>

Permanent - Restricted access all year round

Category 1 - Restricted access 1 Aug to 31 May

Category 2 - Restricted access 1 Sep to 31 Mar

North Head - Restricted access 16 Nov to 30 Sep

Azorella - Restricted access all year round and washdown required before entry

Wildlife locations may vary within a season or from season to season:

Rockhopper and royal penguins may be found at the locations indicated from about late September to April. The other penguin species and seals may be found at the locations indicated at any time of the year.

Fur seals haul out at the locations indicated and breed at Hurd Point, Handspike Corner and three locations north of the station: Aerial Cove, Goat Bay and Secluded Beach.

Southern elephant seals haul out and breed anywhere on the east coast of Macquarie Island and at the areas indicated on the west coast of the island.

Flying bird species may be found at the locations indicated during the following time periods:

Black-browed albatrosses Sep to Apr

Grey-headed albatrosses Sep to May

Southern giant petrels Sep to Apr

Wandering albatrosses all year round

Light-mantled sooty albatrosses late Sep to May

(breeding on the coastal slopes)

Northern giant petrels late Aug to early Mar

(breeding on the coastal flats)

Northern giant petrels and Southern giant petrels all year round

(non-breeding aggregations)

REFUGES and CACHES

Waypoint Easting Northing Name

• BBHUT 0492030 3954681 Bauer Bay Hut

• BPHUT 0494706 3952626 Brothers Point Hut

• GGHUT 0493466 3946267 Green Gorge Hut

• DAVHUT 0488688 3942530 Davis Point Hut

• WFBHUT 0491268 3939470 Waterfall Bay Hut

• HPHUT 0488859 3930520 Hurd Point Hut

• TSUNAMI 0496195 3961250 Tsunami Cache

• 3WAYS 0494836 3959580 Three Ways SAR

• 4WAYS 0493536 3953934 Four Ways SAR

• GGSAR 0493399 3946221 Green Gorge SAR

• MTMSAR 0489762 3938686 Mt Martin SAR

• HPSAR 0488560 3930981 Hurd Point Link SAR

CAUTION: Absence of the depiction of hazards including steep terrain, cliffs, rockfalls, featherbeds, wave surges and strong undercurrents does not necessarily indicate a hazard free area.

DATA SOURCES:

Coastline, creeks and lakes were digitised from a georeferenced SPOT image, captured December 22, 1994.

<https://earth.esa.int/eogateway/missions/spot/>

Contours were derived from Airborne Synthetic Aperture Radar (AIRSAR) data, captured August 16, 2001.

https://airsar.jpl.nasa.gov/index_detail.html

Mountain spot elevations were estimated from the highest contour, except for Mt Waite for which the spot elevation was obtained from the Tasmanian Survey Control Marks Database.

[https://dipwe.tas.gov.au/land-tasmania/geospatial-infrastructure-surveying/geodetic-survey/survey-control-marks-database-\(surcom\)](https://dipwe.tas.gov.au/land-tasmania/geospatial-infrastructure-surveying/geodetic-survey/survey-control-marks-database-(surcom))

Wildlife data was provided by the Australian Antarctic Division and the Parks and Wildlife Service, Tasmania.

<https://www.antarctica.gov.au/>

<https://parks.tas.gov.au/>

The inclusion of wildlife data does not imply that this information is complete.

Place names sourced from Placenames Tasmania except for those in inverted commas which indicate informal names.

<https://www.placenames.tas.gov.au/>

Produced by the Australian Antarctic Data Centre, April 2024

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