

MACQUARIE ISLAND ENVIRONMENT

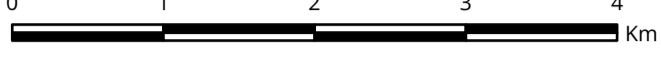
TASMANIA

Edition 5

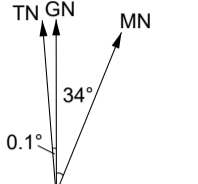


Department of Climate Change, Energy, the Environment and Water
Australian Antarctic Division

SCALE 1 : 50 000



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 January 2021 and moves easterly by about 0.15° 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
- Spot elevation (m)
- Refuge
- Emergency cache
- SAR cache
- VHF Repeater
- Digestor(s)
- Trypot(s)
- Cave(s)
- Graves(s)
- Shipwreck
- Building
- Walking track
- Road
- Stream
- Contour (100 m interval)
- Contour (20 m interval)
- Coastline
- Dangerous coastline. Must be avoided.
- Difficult coastline to access. Should be avoided. Lake (and elevation)
- Elevations are in metres above mean sea level

Special Management Areas (SMA) as at September 2019
<https://parks.tas.gov.au/explore-our-parks/macquarie-island-world-heritage-area>

- 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 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 (breeding on the coastal slopes) Late Sep to May
- Northern giant petrels (breeding on the coastal flats) Late Aug to early Mar
- Northern giant petrels (non-breeding aggregations) All year round
- Southern giant petrels (non-breeding aggregations) All year round

REFUGES and CACHES

Waypoint	Easting	Northing	Name
BBHUT	0492030	3954681	Bauer Bay
BPHUT	0494706	3952626	Brothers Point
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.au/>

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://dipw.tas.gov.au/land-tasmania/geospatial-infrastructure-surveying/geodetic-survey/survey-control-marks-database-\(surcom\)](https://dipw.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 have been approved by the Placenames Tasmania except for those in inverted commas which are unofficial.
<https://www.placenames.tas.gov.au/>

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