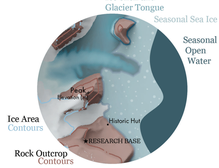
Polar Geospatial Center
ROSS ISLAND & VICINITY, Antarctica

Legend



Ice Shelf and Glacier Tongue
Elevations Above Mean Sea Level
2 m — 50

Designated by the Antarctic Treaty System, Antarctic Specially Managed Areas (ASMA) and Antarctic Specially Protected Areas (ASPA) serve to coordinate activities within environmentally significant areas and protect the ecological, scientific, and historic value of these places.

Island ASPAs
105 - Beaufort Island, Ross Sea
137 - North-West White Island, McMurdo Sound

Ross Island
116 - New College Valley, Caughley Beach, Cape Bird
121 - Cape Royds
122 - Arrival Heights, Hut Point Peninsula
124 - Cape Crozier
155 - Cape Evans
156 - Lewis Bay, Mount Erebus
157 - Backdoor Bay, Cape Royds
158 - Hut Point
175 - High Altitude Geothermal Sites of the Ross Sea Region, Tramway Ridge, Mount Erebus

McMurdo Dry Valleys, Southern Victoria Land ASMA No. 2
123 - Barwick Valley
131 - Canada Glacier, Lake Fryxell, Taylor Valley
138 - Linnaeus Terrace, Asgard Range
154 - Botany Bay, Cape Geology
172 - Lower Taylor Glacier and Blood Falls, McMurdo Dry Valleys

Kilometers 10 20 30
Miles 5 10 15 20
Nautical Miles 5 10 15 20

Map by Polar Geospatial Center, 2024
Cartography by Jesse Bakker
Labeling assistance from Rachel de Sobrino

Version 1.1 - Updated May 13, 2025

Data Sources

Contours derived from Reference Elevation Model of Antarctica v2

Ice and rock layers derived from Antarctic Digital Database, Land Information New Zealand, and high-resolution Maxar Imagery

Ice shelf and coastline from Antarctic Digital Database

Placenames from the Scientific Committee on Antarctic Research Composite Gazatteer of Antarctica

Antarctic Specially Protected Area (ASPA) and Antarctic Specially Managed Area (ASMA) boundaries provided by Environmental Research & Assessment

Sea ice extent derived from MODIS imagery

Cartographic reference from United States Geological Survey *Ross Island and Vicinity, Antarctica* 1-250:000 topographic map (76190-W1-RR-250), 1986

ROSS ISLAND & VICINITY
ANTARCTICA

1:325,000 - Scale
Topographic map



SCALE 1:325,000
1 cm on the map represent 3.25 km on the ground when printed at 41 x 34 inches
Lambert Conformal Conic Projection - Standard Parallels 76°40′ and 79°20′
Elevation in meters -- Contour Interval: 200m -- Datum is Mean Sea Level
Longitude lines indicate True North

SCALE CONVERSION
Meters / Feet
4000 / 13000
3000 / 10000
2000 / 7000
1000 / 3000
0 / 0