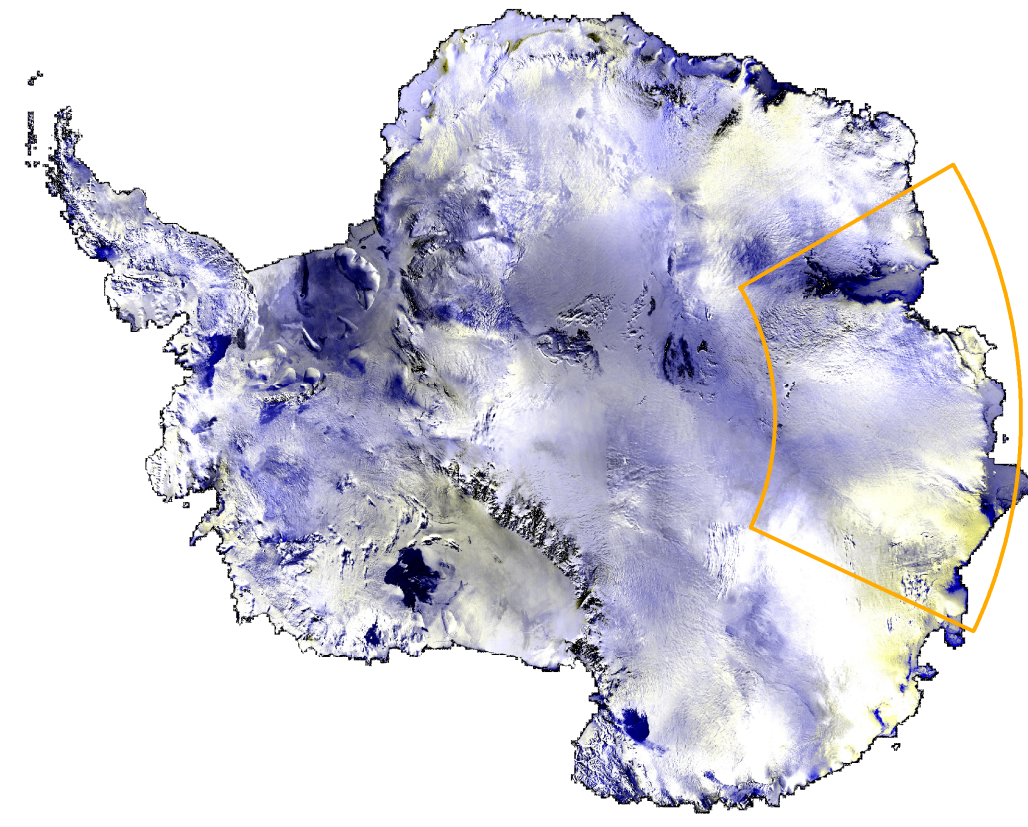




Australian Government
Department of the Environment,
Water, Heritage and the Arts
Australian Antarctic Division

OPERATIONS MAP

60°E to 115°E
EDITION 1



SCALE 1:2 000 000
PROJECTION: Lambert Conformal Conic
CENTRAL MERIDIAN: 87°30'E
STANDARD PARALLELS: 60°S, 73°S
HORIZONTAL DATUM: WGS84
VERTICAL DATUM: Mean Sea Level
CONTOUR INTERVAL: 500 metres

- LEGEND**
- Year-round station
 - ✈ Major airfield
 - Elevation on ice (metres)
 - Elevation on rock (metres)
 - Coastline
 - Front of an ice shelf or ice tongue
 - Grounding line of an ice shelf or ice tongue
 - Ice rise boundary
 - Contour
 - Depression contour
 - Exposed rock
 - Moraine
 - Glacier flow line
 - Ice shelf, ice tongue
 - Lake
- Bathymetry (depth in metres)**
- 0 to 500
 - 500 to 1000
 - 1000 to 1500
 - 1500 to 2000
 - 2000 to 2500
 - 2500 to 3000
 - 3000 to 4000
 - 4000 to 5000
 - greater than 5000

DATA SOURCES

Bathymetry - "Certainty Edition of the GEBCO Digital Atlas", 2003, published on behalf of the Intergovernmental Oceanographic Commission and the International Hydrographic Organization as part of the General Bathymetric Chart of the Oceans.
British Oceanographic Data Centre, Liverpool.
<http://www.ngic.nra.gov.uk/gaibgc/>

Coastline, ice rises, ice shelves, ice tongues - Refer to metadata record "Australian Antarctic Territory Coastline 2002"

Exposed rock, glacier flow lines, moraines - Some of the southern part of the Prince Charles Mountains.
Aerial photography 11 Jan 1975, SPOT satellite imagery 17 Feb 1989 and Landsat 7 satellite imagery 14 Nov 2001
Citation:
Antarctic Digital Database version 4.0 © Scientific Committee on Antarctic Research 1999-2003
<http://www.aad.gov.au/>

Lake - Refer to metadata record "SMA1-42 Northern Prince Charles Mountains - 1:1 Million Topographic GIS Dataset"

Contours - Refer to metadata record "500 metre interval contours of Antarctica derived from ERS radar altimetry data"

Elevations on ice - Refer to King, M. A., R. Coleman, A. J. Freeman, H. A. Fricker, R. S. Hunt, B. Legley, L. Padman, and E. Werner (2006). A 4-decade record of elevation change of the Amery ice shelf, East Antarctica. *J. Geophys. Res.*, 111, F01010. doi:10.1029/2005JF001094

Elevations on rock - Australian Antarctic Data Centre GIS and Survey Control databases

Ice shading - Generated from RADARSAT Antarctic Mapping Project DEM version 2
<http://maac.org.au/data/maac-0082.html>

Place names - Australian Antarctic Gazetteer
<http://data.aad.gov.au/antgazet/>

Stations - A variety of sources compiled by the Australian Antarctic Data Centre

Note: Metadata records can be accessed at
<http://data.aad.gov.au/metadata/>

Produced by the Australian Antarctic Data Centre
Published June 2009
Map number: 13487
Please email comments to: mapping@aad.gov.au
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CAUTION: This map is not intended for navigation purposes.

