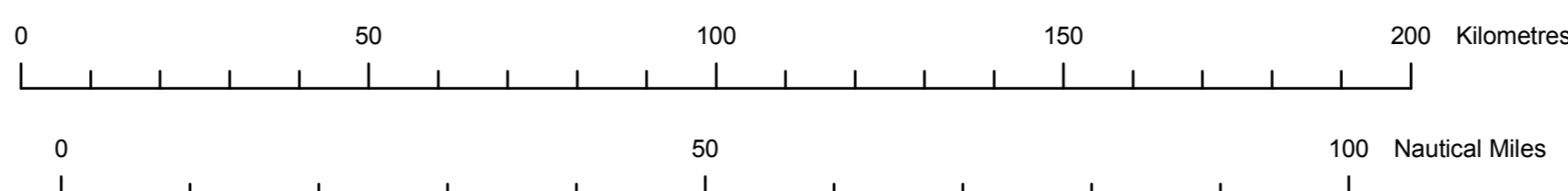
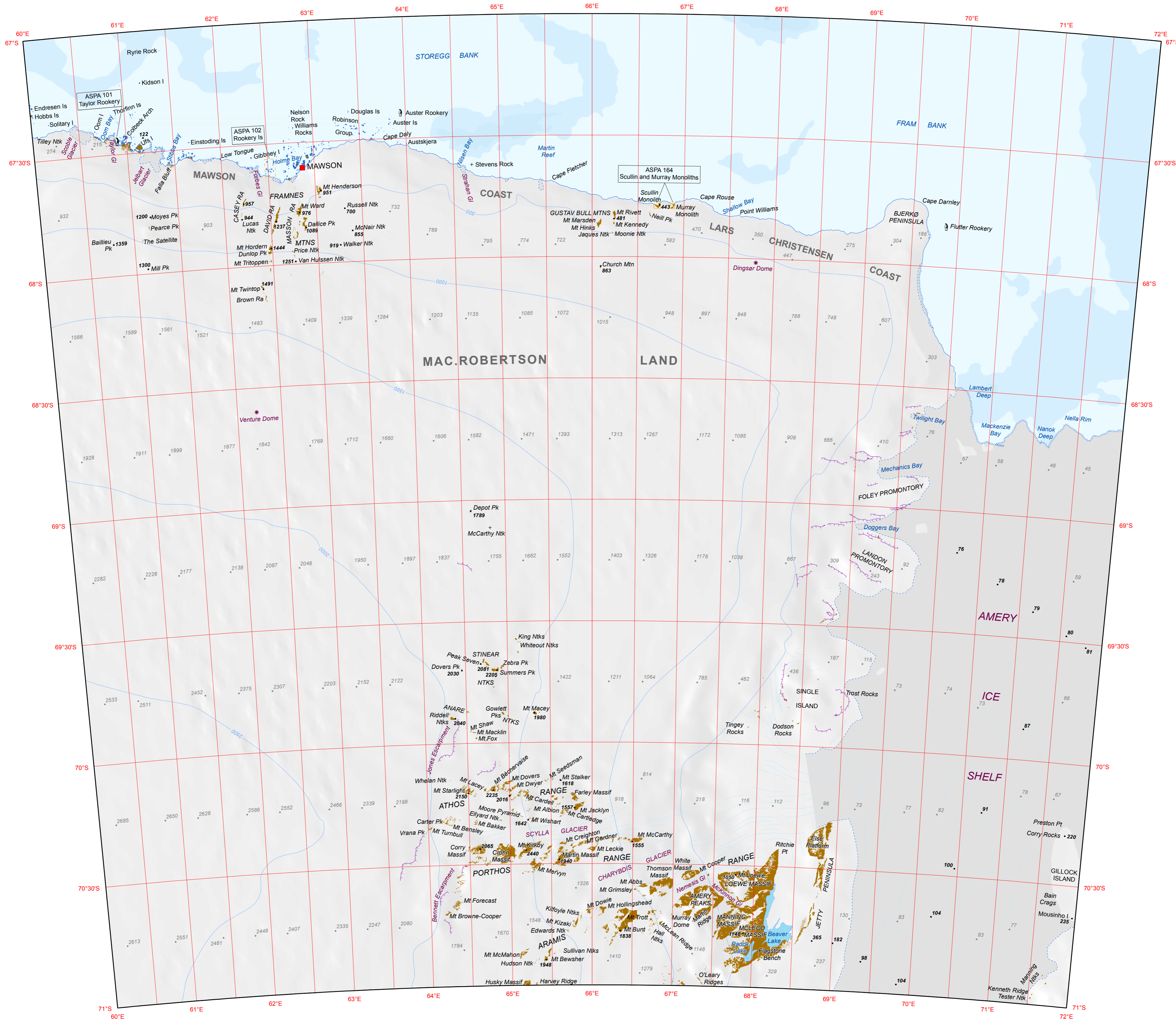


# AVIATION MAP

## MAWSON TO BEAVER LAKE

EDITION 1



**DATA SOURCES**

Antarctic Specially Protected Areas - Australian Antarctic Data Centre GIS database.  
<http://data.aad.gov.au/>  
Secretariat of the Antarctic Treaty  
[http://www.ats.aq/lep\\_protected.htm](http://www.ats.aq/lep_protected.htm)

Bathymetry - "Centenary 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.gebco.net/>

Coastline, ice shelves, ice tongues, exposed rock, glacier flow lines, ice domes, moraines - Refer to metadata records "SQ41-42 Mawson - 1:1 Million Topographic GIS Dataset" and "SR41-42 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".

Emperor penguin colonies - Australian Antarctic Gazetteer.  
<http://data.aad.gov.au/aad/gaz/>

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

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

Spot elevations - Estimated vertical accuracy 20 metres:  
Australian Antarctic Data Centre GIS and Survey Control databases.  
<http://data.aad.gov.au/>  
Refer also to King, M. A., R. Coleman, A.-J. Freemantle, H. A. Fricker, R. S. Hurd, B. Legrésy, L. Padman, and R. Warner (2009). A 4-decade record of elevation change of the Amery Ice Shelf, East Antarctica. *J. Geophys. Res.*, 114, F01010. doi:10.1029/2008JF001094  
Estimated vertical accuracy 100 metres:  
ASTER Global Digital Elevation Model.  
<http://www.ersdac.or.jp/GDEM/E/>  
Refer also to metadata record "Slope corrected orthometric heights of Antarctica derived from ERS Radar Altimetry".

Station - Council of Managers of National Antarctic Programs.  
<https://www.comnap.gov.au/facilities>

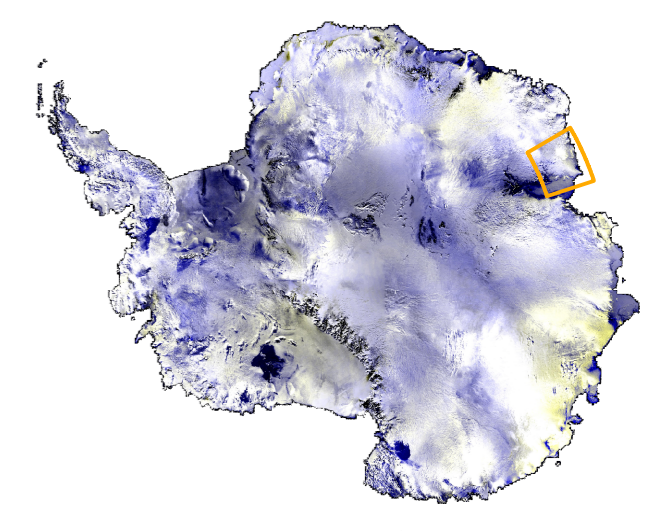
Note: Metadata records can be accessed at <http://data.aad.gov.au/metadata>

SCALE 1:1 000 000

PROJECTION: Lambert Conformal Conic  
CENTRAL MERIDIAN: 66°E  
STANDARD PARALLELS: 68°20'S, 69°40'S

HORIZONTAL DATUM: WGS84  
VERTICAL DATUM: Mean Sea Level

- LEGEND**
- 853 Spot elevation (metres), estimated vertical accuracy 20 metres
  - 1015 Spot elevation (metres), estimated vertical accuracy 100 metres
  - Year-round station
  - 🐧 Emperor penguin colony
  - Ice dome
  - Coastline
  - Front of an ice shelf or ice tongue
  - Grounding line of an ice shelf or ice tongue
  - Contour
  - Glacier flow line
  - Ice cliff
  - + Exposed rock
  - Moraine
  - Ice shelf, ice tongue
  - Antarctic Specially Protected Area (ASPA)
  - ASPA 102 is comprised of the islands within this area
- Bathymetry (depth in metres)**
- 0 to 500
  - 500 to 1000
  - 1000 to 1500
  - 1500 to 2000



**CAUTION: This map is not intended for navigation purposes.**