



Ellsworth Mountains Series


6

Patriot Hills
Scale: 1:100 000





Antarctic Logistics & Expeditions

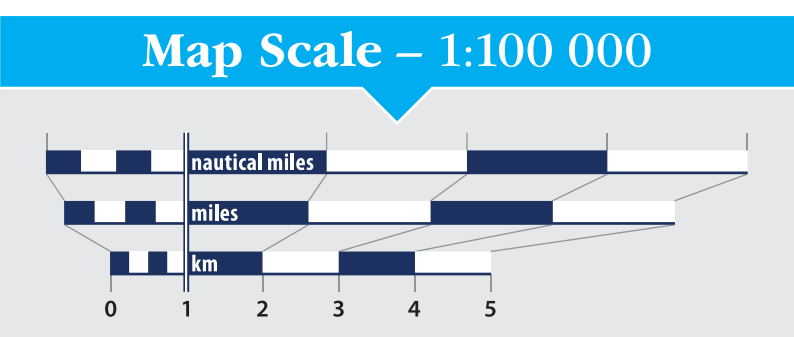


research & expedition era

Map Series Location



Map Scale – 1:100 000



Legend

Terrain

Spot Height (m)

Escarpment / Cliffs

Contour (m)

Coastline (approx)

Declination

Magnetic declination at center of map (Sep 2017)

Annual Change (1 Year)

VAR 39°51' West

Markers

Navigation Marker

Runway Coordinate

Runway / Skiway

GPS Waypoint

GPS Route

Campsite

Weather Station

CAUTION

Absence of crevasses marked on this map does not imply their absence in the field. Caution is required – always check for signs of crevasses and take avoidance action. GPS lines may not correspond precisely with features shown on the map. Coordinates, contours and spot heights are known to be inaccurate in this area, and caution is needed when interpreting positional and/or height information. This map is based on the best available data, but users should be aware that it does not conform to accuracy standards generally found on maps at this scale. The map is intended as a general guide only. This map has been prepared for use by ALE, ALE staff and contractors. Antarctic Logistics & Expeditions LLC cannot be held responsible for actions or events resulting from its use by others. Environmental Research & Assessment Ltd cannot accept any liability for injury, loss or damage arising in respect of any use of this map.

Projection, Data & Credits

Projection
Lambert Conformal Conic
Central Meridian: 81°00'W • Latitude of Origin: 81.00°S
• Standard Parallels: 80.00°S, 82.00°S • Horizontal Datum: WGS84, Vertical datum: Mean Sea Level

Data Sources
Contours, campsites, weather stations, runway, navigation markers, GPS data: ALE (2008, 2009, 2010) • Topographic data: SCAR Antarctic Digital Database v3.0 (2007) • Contour Sources: USGS, 1999 and Esri/Mapbox satellite imagery by Esri (linear shift of 300 m, bearing 338.4°) • Spot heights: sourced from USGS (2006), specially adjusted by Esri (linear shift of 600 m, bearing 338.4°) • Background image: Landsat Image Mosaic of Antarctica (LIMA), 1987, NASA, 2007 • Magnetic declination: National Geophysical Data Center: www.ngdc.noaa.gov/gemmag/geom/declination/ (accessed on 10 Sep 2017)

Credits
Cartography: Environmental Research & Assessment, Cambridge, UK (www.era.co.uk)
Graphic Design: Earthworks, LLC, Atlanta, USA (www.up-shots.com)
Published by: ERA (2011) ISBN 978-0-9552055-7-9
Visit ALE at www.antarctic-logistics.com