

Windmill Islands

WILKES LAND
EDITION 2
ANTARCTICA

AUSTRALIAN ANTARCTIC DIVISION
Department of the Environment, Sport,
Territories and Local Government

CONTOURS 10 metre interval on rock
100 metre interval on ice up to 200 metres
100 metre interval on ice above 200 metres
Horizontal Datum used on this map is the
World Geodetic System 1984 (WGS84).
Vertical Datum is Mean Sea Level (MSL)

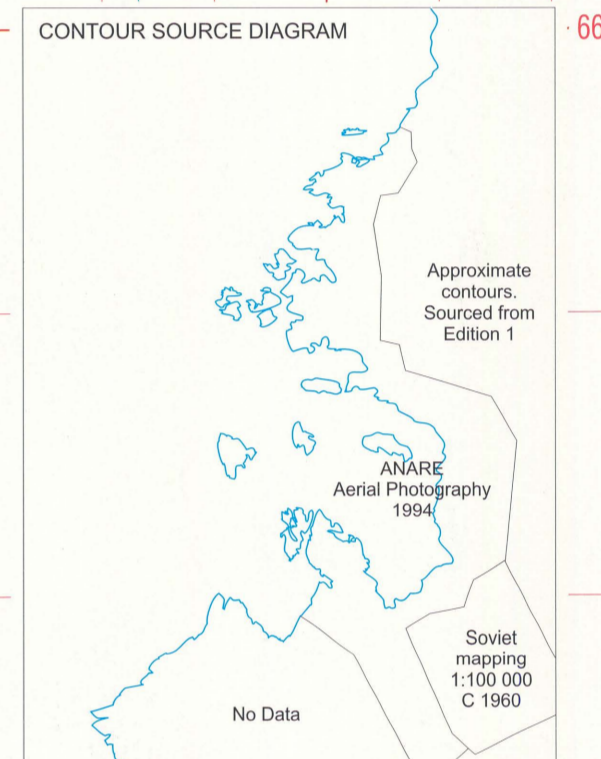
SCALE 1 : 50 000

UNIVERSAL TRANSVERSE MERCATOR PROJECTION
GRID ZONE 49
HEIGHTS ARE APPROXIMATE, IN METRES

Note: To convert heights from GPS and Transit Doppler observations
(ie heights above WGS84 spheroid) to heights above sea level, subtract 18 metres

Aircraft wreck

Automatic
Weather
Station

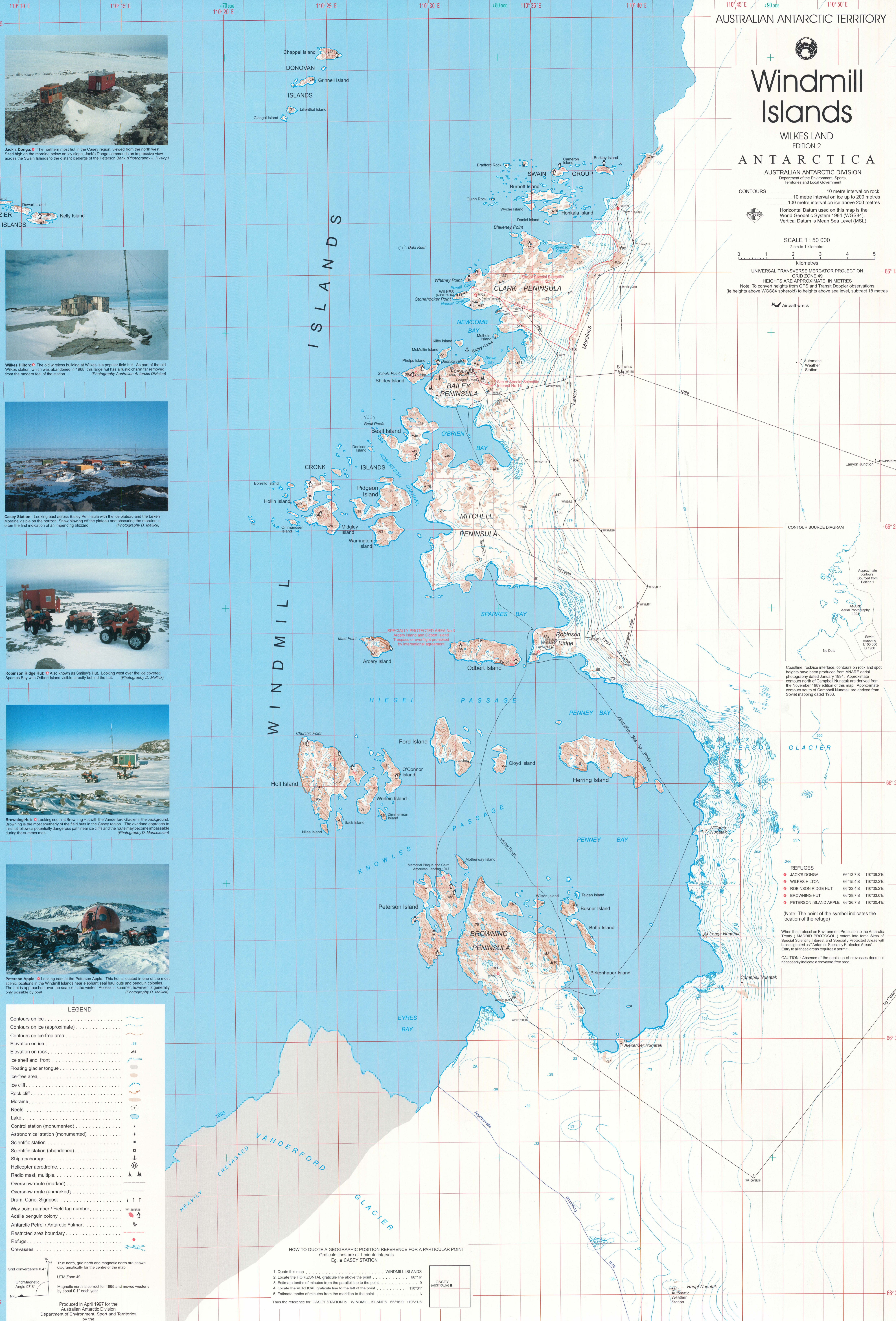


Coastline, rock/ice interface, contours on rock and spot heights have been produced from ANARE aerial photography dated January 1994. Approximate contours north of Campbell Nunatak are derived from the November 1969 edition of this map. Approximate contours south of Campbell Nunatak are derived from Soviet mapping dated 1963.

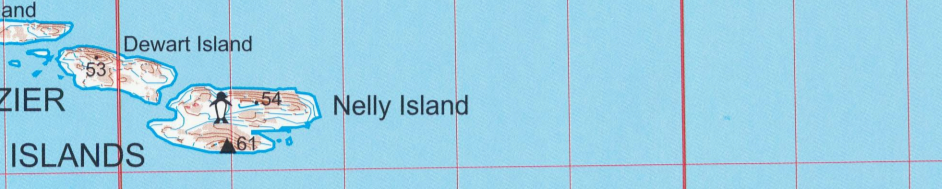
- REFUGES
- JACK'S DONGA 66°13.7'S 110°39.2'E
- WILKES HILTON 66°15.4'S 110°32.2'E
- ROBINSON RIDGE HUT 66°22.4'S 110°35.2'E
- BROWNING HUT 66°28.7'S 110°33.0'E
- PETERSON ISLAND APPLE 66°28.7'S 110°30.4'E

(Note: The point of the symbol indicates the location of the refuge)

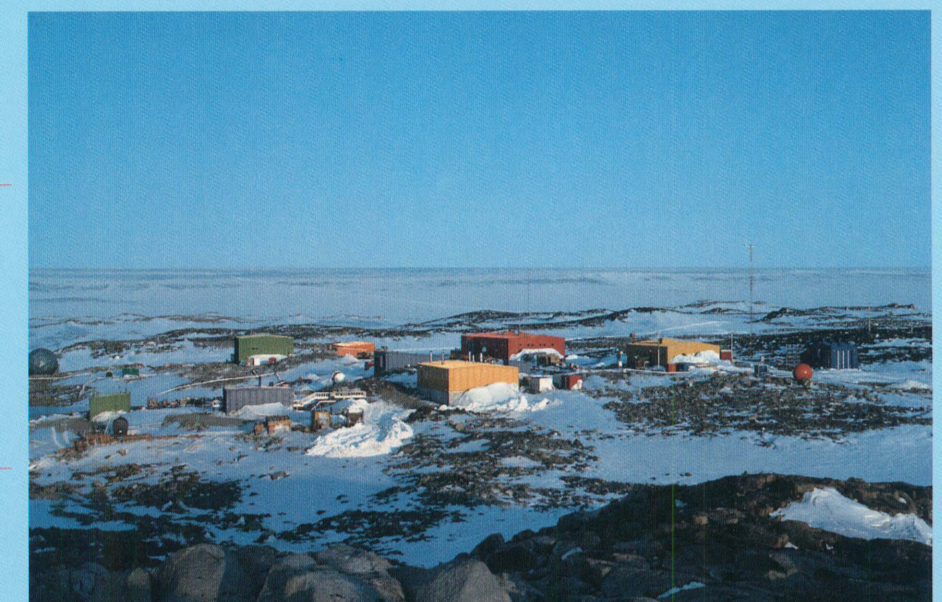
CAUTION: Absence of the depiction of crevasses does not necessarily indicate a crevasse-free area.



Jack's Donga: The northern most hut in the Casey region, viewed from the north west. Sited high on the moraine below an icy slope, Jack's Donga commands an impressive view across the Swain Islands to the distant icebergs of the Peterson Bank. (Photography J. Nysslop)



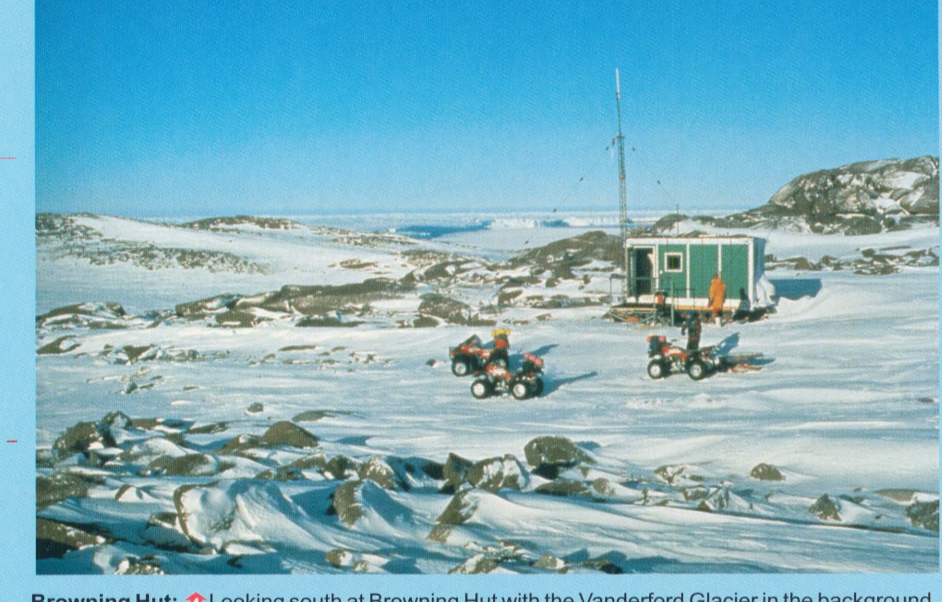
Wilkes Hilton: The old wireless building at Wilkes is a popular field hut. As part of the old Wilkes station, which was abandoned in 1968, this large hut has a rustic charm far removed from the modern feel of the station. (Photography Australian Antarctic Division)



Casey Station: Looking east across Bailey Peninsula with the ice plateau and the Leken Moraine visible on the horizon. Snow blowing off the plateau and obscuring the moraine is often the first indication of an impending blizzard. (Photography D. Mellick)



Robinson Ridge Hut: Also known as Smiley's Hut. Looking west over the ice covered Sparkes Bay with Odbert Island visible directly behind the hut. (Photography D. Mellick)



Browning Hut: Looking south at Browning Hut with the Vanderford Glacier in the background. Browning is the most southerly of the field huts in the Casey region. The overland approach to this hut follows a potentially dangerous path near ice cliffs and the route may become impassable during the summer melt. (Photography D. Monelesian)



Peterson Apple: Looking east at the Peterson Apple. This hut is located in one of the most scenic locations in the Windmill Islands near elephant seal haul outs and penguin colonies. The hut is approached over the sea ice in the winter. Access in summer, however, is generally only possible by boat. (Photography D. Mellick)

LEGEND

Contours on ice	.....
Contours on ice (approximate)	.....
Contours on ice free area	.....
Elevation on ice	-53
Elevation on rock	-64
Ice shelf and front	.....
Floating glacier tongue	.....
Ice-free area	.....
Ice cliff	.....
Rock cliff	.....
Moraine	.....
Reefs	.....
Lake	.....
Control station (monumented)	.....
Astronomical station (monumented)	.....
Scientific station	.....
Scientific station (abandoned)	.....
Ship anchorage	.....
Helicopter aerodrome	.....
Radio mast, multiple	.....
Oversnow route (marked)	.....
Oversnow route (unmarked)	.....
Drum, Cane, Signpost	.....
Way point number / Field tag number	.....
Adelie penguin colony	.....
Antarctic Petrel / Antarctic Fulmar	.....
Restricted area boundary	.....
Refuge	.....
Crevasses	.....

HOW TO QUOTE A GEOGRAPHIC POSITION REFERENCE FOR A PARTICULAR POINT
Graticule lines are at 1 minute intervals
Eg. ■ CASEY STATION

- Quote this map
- Locate the HORIZONTAL graticule line above the point
- Estimate tenths of minutes from the parallel line to the point
- Locate the VERTICAL graticule line to the left of the point
- Estimate tenths of minutes from the meridian to the point

Thus the reference for CASEY STATION is WINDMILL ISLANDS 66°16.9' 110°31.6'