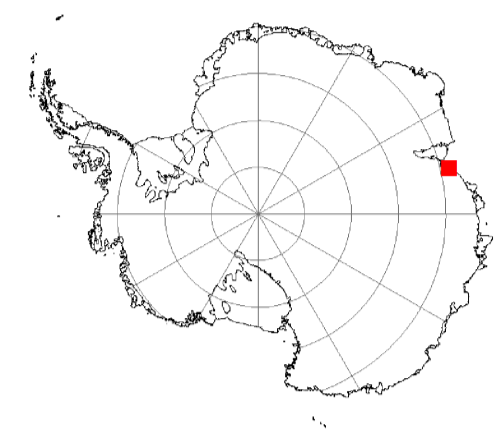


AUSTRALIAN ANTARCTIC TERRITORY

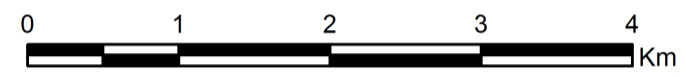


VESTFOLD HILLS
PRINCESS ELIZABETH LAND
ANTARCTICA

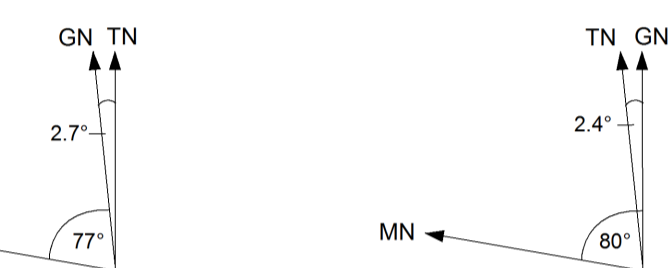
EDITION 1



Scale 1 : 50 000



PROJECTION: Universal Transverse Mercator Zones 43 and 44
HORIZONTAL DATUM: WGS84
VERTICAL DATUM: Mean Sea Level
CONTOUR INTERVAL: 20 metres
NOMENCLATURE: Names have been approved by the Australian Antarctic Names and Medals Committee

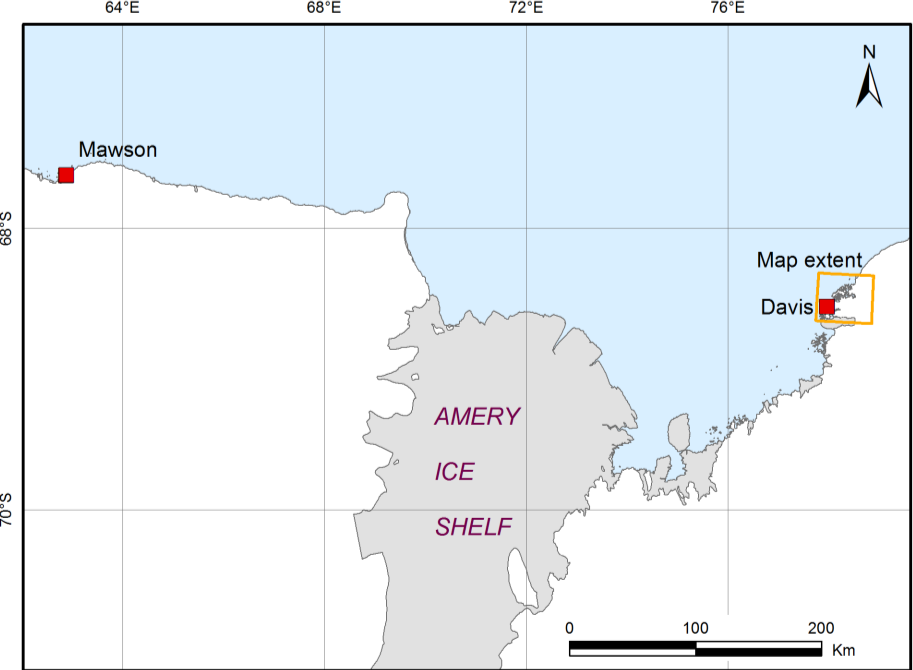


True, Grid and Magnetic North are shown diagrammatically above. The diagram on the left is for the centre of the land area of the zone 43 part of the map. The diagram on the right is for the centre of the zone 44 part of the map. Magnetic North is correct for January 2013 and moves westerly by about 0.14° each year.

LEGEND

- 79 Spot elevation
- Sounding
- ▲ Monument
- Mast
- Refuge
- ⊕ Helicopter landing area with / without facilities
- TH-62 Route - fixed, Waypoint
- BA-62 Route - approximate, Waypoint
- Use caution
- Vehicular track
- Most tracks beyond station limits are closed to vehicles except for search and rescue purposes.
- Stream
- Ice cliff
- Contour (20m interval)
- Contour (100m interval)
- Depression contour
- Lake (and height above or below sea level)
- Moraine
- Ice-free area
- Adelie penguin colony
- Southern elephant seal haulout area (Jan - May)
- Most common Weddell seal pupping area (Sept - Nov)
- Weddell seal pupping area (Sept - Nov)
- Weddell seals may be found on sea ice between the Sarsdal Glacier and Wyatt East Islands, especially during the moult period (Dec - Mar)
- Antarctic Specially Protected Area (ASP)
- Entry is prohibited without a permit. All activities must be in accordance with the management plan.
- Sensitive Area
- Lichen
- Moss
- Fossilised seaweed beds and calcareous tubes
- No camping at Lichen Lake and Mossel Lake.
- Limit of Station Operational Area
- The Station Leader may grant permission for travel within this boundary. Operations outside this boundary require Head Office approval.
- Danger: Hazardous creek under snow/ice
- Danger: Hazardous sea/ice/facial face. No travel on ice
- Thin ice. Melts out early. Check ice thickness
- Hazardous area due to steepness
- Area where land crossing with vehicles is acceptable
- Extent of Davis Recreation Limits map

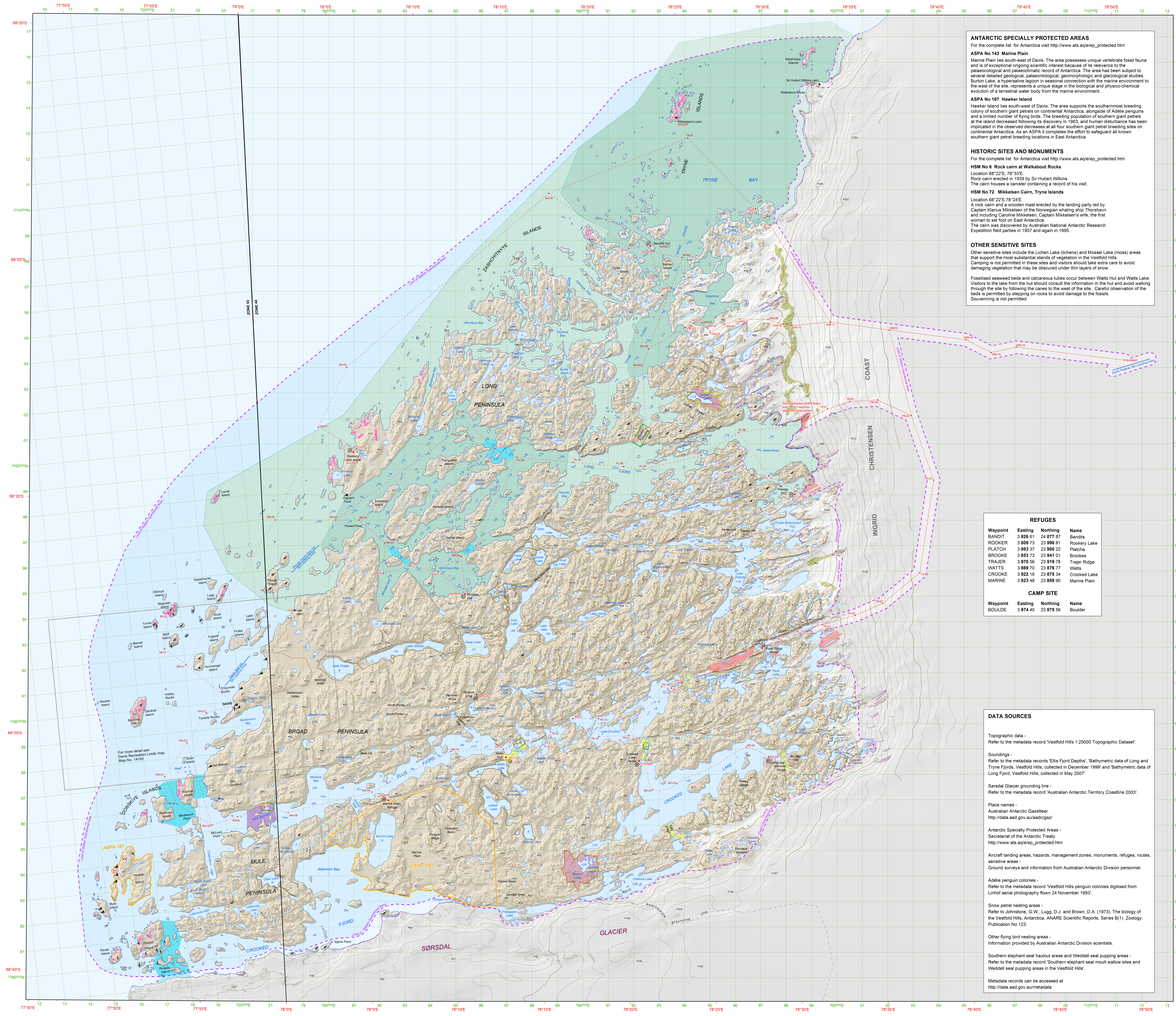
LOCATION DIAGRAM



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

Produced by the Australian Antarctic Data Centre
Published April 2013
Map number: 14202
Please email comments to: aad@aad.gov.au

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ANTARCTIC SPECIALLY PROTECTED AREAS
For the complete list, for Antarctica visit http://www.ats.aq/lep_protected.htm

ASP No 143 Marine Plain
Marine Plain lies south-east of Davis. The area possesses unique vertebrate fossil fauna and is of exceptional ongoing scientific interest because of its relevance to the palaeontological and palaeoclimatic record of Antarctica. The area has been subject to several detailed geological, palaeontological, geomorphologic and glaciological studies. Burton Lake, a hypersaline lagoon in seasonal connection with the marine environment to the west of the site, represents a unique stage in the biological and physico-chemical evolution of a terrestrial water body from the marine environment.

ASP No 167 Hawker Island
Hawker Island lies south-west of Davis. The area supports the southernmost breeding colony of southern giant petrels on continental Antarctica, alongside of Adelie penguins and a limited number of flying birds. The breeding population of southern giant petrels at the island decreased following its discovery in 1963, and human disturbance has been implicated in the observed decreases at all four southern giant petrel breeding sites on continental Antarctica. As an ASP it completes the effort to safeguard all known southern giant petrel breeding locations in East Antarctica.

HISTORIC SITES AND MONUMENTS
For the complete list, for Antarctica visit http://www.ats.aq/lep_protected.htm

HSM No 6 Rock cairn at Walkabout Rocks
Location 68°22'S, 78°33'E
Rock cairn erected in 1939 by Sir Hubert Wilkins. The cairn houses a canister containing a record of his visit.

HSM No 72 Mikkelsen Cairn, Tryne Islands
Location 68°22'S 78°24'E
A rock cairn and a wooden mast erected by the landing party led by Captain Klaus Mikkelsen of the Norwegian whaling ship *Thorshavn* and including Caroline Mikkelsen, Captain Mikkelsen's wife, the first woman to set foot on East Antarctica. The cairn was discovered by Australian National Antarctic Research Expedition field parties in 1957 and again in 1995.

OTHER SENSITIVE SITES
Other sensitive sites include the Lichen Lake (lichens) and Mossel Lake (moss) areas that support the most substantial stands of vegetation in the Vestfold Hills. Camping is not permitted in these sites and visitors should take extra care to avoid damaging vegetation that may be obscured under thin layers of snow.

Fossilised seaweed beds and calcareous tubes occur between Watts Hut and Watts Lake. Visitors to the lake from the hut should consult the information in the hut and avoid walking through the site by following the canes to the west of the site. Careful observation of the beds is permitted by stepping on rocks to avoid damage to the fossils. Souveniring is not permitted.

REFUGES

Waypoint	Easting	Northing	Name
BANDIT	3 926 61	24 077 87	Bandits
ROCKER	3 809 73	23 996 81	Rookery Lake
PLATCH	3 983 37	23 980 22	Platcha
BROOKE	3 853 73	23 941 01	Brookes
TRAJER	3 970 56	23 919 78	Trajer Ridge
WATTS	3 869 70	23 876 77	Watts
CROOKE	3 922 16	23 875 34	Crooked Lake
MARINE	3 823 48	23 859 90	Marine Plain

CAMP SITE

Waypoint	Easting	Northing	Name
BOULDE	3 974 40	23 875 56	Boulder

DATA SOURCES

- Topographic data - Refer to the metadata record 'Vestfold Hills 1:25000 Topographic Dataset'.
- Soundings - Refer to the metadata records 'Ellis Fjord Depths', 'Bathymetric data of Long and Tryne Fjords, Vestfold Hills, collected in December 1999' and 'Bathymetric data of Long Fjord, Vestfold Hills, collected in May 2007'.
- Sarsdal Glacier grounding line - Refer to the metadata record 'Australian Antarctic Territory Coastline 2003'.
- Place names - Australian Antarctic Gazetteer <http://data.aad.gov.au/aad/gaz/>
- Antarctic Specially Protected Areas - Secretariat of the Antarctic Treaty http://www.ats.aq/lep_protected.htm
- Aircraft landing areas, hazards, management zones, monuments, refuges, routes, sensitive areas - Ground surveys and information from Australian Antarctic Division personnel.
- Adelie penguin colonies - Refer to the metadata record 'Vestfold Hills penguin colonies digitised from Linhof aerial photography flown 24 November 1993'.
- Snow petrel nesting areas - Refer to Johnstone, G.W., Lugg, D.J. and Brown, D.A. (1973). The biology of the Vestfold Hills, Antarctica. ANARE Scientific Reports. Series B(1). Zoology. Publication No 123.
- Other flying bird nesting areas - Information provided by Australian Antarctic Division scientists.
- Southern elephant seal haulout areas and Weddell seal pupping areas - Refer to the metadata record 'Southern elephant seal moult haulout sites and Weddell seal pupping areas in the Vestfold Hills'.
- Metadata records can be accessed at <http://data.aad.gov.au/metadata>