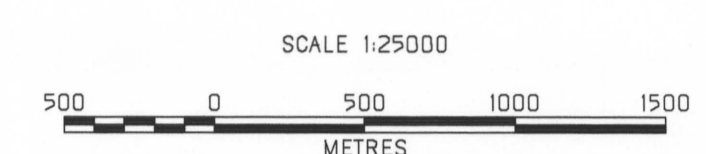


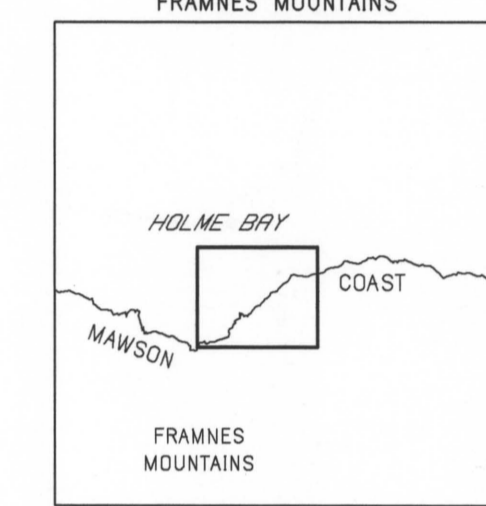
# MAWSON STATION LOCAL AREA MAP MAC. ROBERTSON LAND

SECOND EDITION - OCTOBER 1994



COMPILED FROM ANARE AERIAL PHOTOGRAPHY DATED 8-2-1977  
COMPILED DATE: DECEMBER 1994 AND OCTOBER 1995  
ANARE FILMS: CASCOOD/ RUN 2 FRAMES 13-15  
ANARE RUN 20 FRAMES 820-1000  
VERTICAL DATUM: MEAN SEA LEVEL  
HORIZONTAL DATUM: WORLD GEODETIC SYSTEM 1984  
PROJECTION: UNIVERSAL TRANSVERSE MERCATOR, ZONE 4  
CONTOUR INTERVAL: 5 METRES ON ROCK  
10 METRES ON ICE

### LOCALITY DIAGRAM

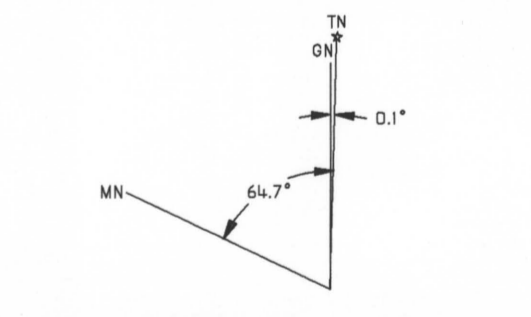


### LEGEND

- ROCK
- LAKE
- BLUE ICE
- CONTOUR MINOR
- CONTOUR MAJOR
- CONTOUR DEPRESSION
- CONTOUR ON ICE/SNOW
- EDGE OF ICE/SNOW
- SPOT HEIGHT
- EDGE WATER
- TOP ICE CLIFF
- ROAD
- SERVICE DUCT
- BUILDING
- SURVEY MARK AND LEVEL
- BENCH MARK
- TOWER/MAST AND GUY
- HELICOPTER PAD
- MELTWATER STREAM
- ADELIE PENGUIN ROOKERY
- REFUGE
- AERIAL
- CABLE - ELECTRIC
- CABLE - COMMUNICATION
- PIPE - SEWER
- QUIET/RESTRICTED ZONE
- CREVASSED AREA
- FLOW LINE
- TRAVERSE ROUTE
- BOLLARD WITH NUMBER
- GRAVE

### INDEX TO BUILDINGS

- 1 OLD TRANSMITTER BUILDING
- 2 HANGAR
- 3 WORKSHOP
- 4 OLD TRANSMITTER BUILDING
- 5 WASTE TREATMENT
- 6 METEOROLOGICAL BUILDING
- 7 MET TECHNICAL WORKSHOP
- 8 METEOROLOGICAL BUILDING
- 9 STORE
- 10 EMERGENCY POWERHOUSE
- 11 OLD POWERHOUSE
- 12 VEHICLE SHED
- 13 BARN AND WAREHOUSE
- 14 OLD SCIENCE BUILDING
- 15 LIVING QUARTERS
- 16 EMERGENCY VEHICLE SHELTER
- 17 ANTARCTIC EQUIPMENT BUILDING
- 18 RECREATION
- 19 MESS
- 20 BURGERS
- 21 TOILET
- 22 TOILET
- 23 TOILET
- 24 TOILET
- 25 TOILET
- 26 TOILET
- 27 TOILET
- 28 TOILET
- 29 ABSOLUTE MAGNETOMETER BUILDING



MAGNETIC NORTH IS CORRECT FOR MAWSON STATION FOR TRUE AND NORTH WESTERLY BY ABOUT 0.1 DEGREES PER ANNUM.

### HOW TO QUOTE A POSITION BY LATITUDE AND LONGITUDE

- Quote this map: MAWSON STATION
  - Locate the VERTICAL line of LONGITUDE ticks to the left of the point: 62°55' E
  - Estimate the tenths from the line of ticks to the point: 7
  - Locate the HORIZONTAL line of LATITUDE ticks below the point: 67°39' S
  - Estimate the tenths from the line of ticks to the point: 6
- Thus the reference for a on WELSH ISLAND is MAWSON STATION 62°55.7' E 67°39.6' S

WARNING: ABSENCE OF CREVASSE SYMBOL DOES NOT MEAN CREVASSES ARE ABSENT

PRODUCED BY THE AUSTRALIAN SURVEYING AND LAND INFORMATION GROUP, FOR THE AUSTRALIAN ANTARCTIC DIVISION, DEPARTMENT OF THE ENVIRONMENT, SPORT AND TERRITORIES

CLIMATOLOGICAL DATA FOR MAWSON  
Courtesy of Bureau of Meteorology

	January	February	March	April	May	June	July	August	September	October	November	December
Mean daily maximum (°C)	2.9	-1.1	-12.2	-15.7	-18.6	-19.2	-18.5	-17.7	-16.6	-14.9	-12.6	-9.3
Mean daily minimum (°C)	-2.4	-7.9	-15.9	-17.5	-18.8	-19.8	-20.9	-21.6	-20.8	-18.9	-16.9	-13.1
Mean daily wind speed (km/h)	32	36	41	42	42	41	42	41	40	38	35	32
Mean number of gale days (34 knots +)	0	0	0	0	0	0	0	0	0	0	0	0
Highest maximum wind gale direction (° True)	80/07	85/03	85/00	85/00	85/01	85/01	85/01	85/01	85/01	85/01	85/01	85/01
Mean number of days snowfall observed	0	5	4	5	5	5	5	5	5	5	5	5
Mean daily maximum (mm)	0.3	7.8	9.3	3.8	1.4	0	0.4	2.9	4.9	7.4	8.4	8.8
Mean number of clear days (≥2/8 cloud)	4	5	6	7	9	8	7	7	6	6	6	4
Mean number of cloudy days (≤4/8 cloud)	4	12	12	9	8	8	9	9	9	9	10	14

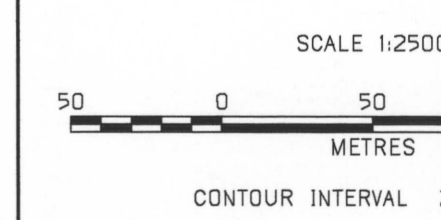
WARNING: WHERE AN ISLAND IS SHOWN WITH A DASHED COASTLINE, ITS POSITION IS APPROXIMATE

WARNING: KEEP AWAY FROM ICE CLIFFS DANGER FROM FALLING ICE

WARNING: KEEP AWAY FROM ICE CLIFFS DANGER FROM FALLING ICE

WARNING: VEHICLES PROCEED WITH CAUTION ON BLUE ICE AREAS CRAMPONS MUST BE CARRIED TRAVEL ONLY ON MARKED ROUTES

SEE MAWSON STATION MANAGEMENT PLAN FOR RESTRICTIONS RELATING TO QUIET ZONES



SCALE 1:25000

CONTOUR INTERVAL 2 METRES

