



ANTARCTICA NEW ZEALAND INFORMATION SHEET

SCOTT BASE FACT SHEET

Location of Scott Base

- Pram Point, Hut Point Peninsula, Ross Island, McMurdo Sound
- 77°deg;51' S, 166°deg;46' E
- 10 m above sea level
- Ice free, solid rock and frozen moraine surface

Major dates

- Base opened 20th January 1957

Population

- 70-80 maximum summer population
- 10 average winter population

Science activities

The following science activities are carried out at Scott Base:

- Environmental monitoring
- Ionospheric/auroral observations
- Meteorological observations (since 1957)
- Offshore marine biology
- Terrestrial biology
- Tide measurement

Station infrastructure

Area and buildings

- 8 Main buildings interconnected
- 2 340 sq m combined floor area
- 570 sq m used as accommodation

Power and fuel supply

- 400V 50Hz power supply
- 600 kW power generation capacity
- 2 main generators; 1 auxiliary generator
- Generators fuelled with AN8 (Aviation Turbine Fuel)
- 380 000 litres of fuel used annually

Water and sewage

- Portable water supply source/method:
- Desalination from sea water.
- 1 300 000 litres of water used each year
- Sewage treatment/disposal method: Waste Water Treatment Plant

Shipping

- 1 resupply visit(s) per season (in late January)
- 5 km from station to anchorage at McMurdo station

Other support transport

- Traverse/field tracked tractor(s): 1 x Cat D6H, 1 x Cat D5B, 1 x Cat D3B
- Tracked personnel carriers: 3 x Hagglunds
- Tracked vehicle: 1 x Kassbohrer PB170/Hiab crane
- Snowmobiles: 9
- ATV(s): 4 x 4x4 Yamahas

Base mobile plant

Tractors, loaders,

- Tracked tractor: 1 x Cat D8H
- Wheeled tractor: 1x Kubota B1550
- Wheeled loader(s): 1 x Cat 926E
- Tracked vehicle: 1 x Nodwell RN75/Hiab crane
- Wheeled Vehicles: 1 x Toyota 1Tonne utility, 4 x Toyota double cab utilities
- 1 x Toyota Landcruiser Troop-carrier, 1 x Isuzu 5 tonne 4x4