

## XI. Refuges

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*Section XI provides information on existing refuges and survival caches in the McMurdo area, as well as deactivated camps and stations elsewhere on the continent.*

### **McMurdo Area Antarctic Refuges and Survival Caches**

Following are the existing refuges consisting of huts or caches that may be used in emergency survival situations. These survival huts and survival caches are located within a 65 nautical mile radius of McMurdo Station and are inspected annually. Information provided includes position and description of location and accommodation, food, fuel, and supplies of other kinds. "Full provisions" indicates sleeping, eating, and cooking utensils.

#### **Lower Erebus Hut and Cache**

**Position:** 77°30'S; 167°10'E  
**Hut:** Partial provisions for 3 (no sleeping bags), oxygen, radio during summer.  
**Cache:** Full provisions for 6. Located 50 meters from hut.

#### **Cape Crozier Hut and Cache**

**Position:** 77°30'S, 169°40'E  
**Hut:** Wood structure with some provisions. No radio.  
**Cache:** Full provisions for 6 located North of the hut.

### **Cape Royds Hut**

**Position:** 77°33'S, 166°08'E  
**Hut:** RAC Tent – 12 x 16 ft / Summer Season Only  
**Cache:** No cache.

### **Lake Vida Cache**

**Position:** 77°23'S, 161°55'E  
**Hut:** Full provisions for 6, 30 man/days food. No radio.  
**Cache:** Located approximately 183m from lake on southwestern shore.

### **Lake Bonney Hut and Cache**

**Position:** 77°42'S, 162°27'E  
**Hut:** Jamesway structure with provisions. No radio  
**Cache:** Located 30 meters from Jamesway structure uphill.

### **Lake Hoare Hut and Cache**

**Position:** 76°38'S, 162°57'E  
**Hut:** Wood structure with provisions, sleeps 6.  
**Cache:** Located 30 meters from hut, food, no radio.

### **Lake Fryxell Hut and Cache**

**Position:** 77°36'S, 163°07'E  
**Hut:** Jamesway structure with provisions sleeps 6.  
**Cache:** Located 30 meters from hut, food, no radio.

### **F6 Hut and Cache**

**Position:** 77°21'S, 163°09'E  
**Hut:** Wood structure with provisions.  
**Cache:** Located 30 meters from hut, food to supply 6 people/10days, no radio.

### **New Harbor Hut and Cache**

**Position:** 77°34'S, 163°31'E  
**Hut:** Jamesway structure with provisions. Sleeps 6.  
**Cache:** Located 30 meters from hut, food, no radio.

### **Marble Point Camp**

**Position:** 77°25'S, 163°41'E  
**Hut:** 2 wood structures with provisions, 1 GEN Shack, 1 Modular/Pre-fab building. Sleeps 10+ amongst the various structures.  
**Cache:** No cache.

### **Black Island Camp**

**Position:** 77°7.8'S, 166°09'E  
**Hut:** 1 wood structure with provisions, 1 Modular/Pre-fab. Sleeps 10+  
**Cache:** No cache.

## **McMurdo Supported Remote Locations**

### **Siple Dome Camp**

**Position:** 81°39'S, 149°04'E

Camp winterized at the end of the 2004-2005 season. Food, fuel, survival cache, and heavy equipment were staged on site for use during the 2004-2005 field season. Camp will be reoccupied from October 2005 to February 2006.

### **Byrd Surface Camp**

**Position:** 80°01'S, 119°32'E

Camp **retrograde began January 2007**. One Jamesway and one Generator Shack were left standing. Food, fuel, survival equipment are on site. **Complete camp retrograde planned for the 2007-08 season depending on Fixed-Wing flight schedule.**

### **WAIS Divide Camp**

**Position:** 79°28.08' S, 112°5.16'W

Camp active in the **2007-2008** season.

## **Deactivated USAP Stations and Camps**

Data on unoccupied United States facilities in Antarctica is listed here although such facilities are not considered usable as refuges. Some are so deeply buried in snow as to make them inaccessible, while others are difficult to locate. Information provided: (1) position and description of location; (2) dates established and deactivated or last visited; and (3) estimate of available accommodation, food, fuel, and supplies of other kinds.

### **Byrd Aurora Substation**

**Position:** 79°26'S, 188°4'W, approximately 64km from present Byrd Station.

**Dates of Operation:** March 1963 - October 1963

**Description:** Prefabricated shelter, 16 man/months food and supplies, and 9,464 liters of diesel fuel

### **Camp Neptune**

**Position:** 83°31'S, 57°15'W, Neptune Range of Pensacola Mountains

**Dates of Operation:** November 1963 - January 1966

**Description:** 4.9m x 7.3m Jamesway building, 32 drums fuel, 4-6 man/months food, 113 kg. explosives

### **Odell Glacier Camp (being de-activated in 2008-09)**

**Position:** 76°40.87'S, 159°54.81'E

Camp winterized at the end of the 2004-2005 season. One hut was left standing. Food, fuel, survival equipment are on site.

### **Patuxent Camp**

**Position:** 84°54'S, 63°W, Patuxent Range of Pensacola Mountains  
**Dates of Operation:** November 1962 - December 1965  
**Description:** 4.8m x 4.8m Jamesway building, 4 drums fuel, 458 man/days  
food plus cooking utensils

### **Prebble Glacier Camp**

**Position:** 84°15'S, 164°10'E, at mouth of Prebble Glacier, Queen Alexandra  
Range  
**Dates of Operation:** November 1966 - February 1967  
**Description:** 4.8m x 4.8m Jamesway building, 4 drums fuel, 1 man/month  
food supplies

### **Camp Gould**

**Position:** 78°57'S, 85°45'W, East Heritage Range  
**Dates of Operation:** November 1962 - February 1967  
**Description:** 4.8m x 4.8m Jamesway building, 48 drums fuel, 8-10 man/  
months food

### **Amundsen Glacier Camp**

**Position:** 86°18'S, 160°55'W, adjacent to Amundsen Glacier on the  
Faulkner Escarpment  
**Dates of Operation:** November 1963 - January 1964  
**Description:** 4.8m x 4.8m Jamesway building, 4 fuel drums, 400 man/days  
food, cooking utensils

### **Byrd Coast Camp**

**Position:** 76°55'S, 144°W, in Edsel Ford Range at Mount Farley  
**Dates of Operation:** October 1966 - January 1967  
**Description:** 4.8m x 4.8m Jamesway building, 2 man/months food and fuel

### **Camp Ohio**

**Position:** 84°52'S, 114°20'W, Ohio Range, Horlick Mountains  
**Dates of Operation:** November 1961 - January 1967  
**Description:** 4.8m x 4.8m Jamesway building, 7 drums fuel, cooking utensils, 2 man/weeks food supplies

### **Camp Minnesota**

**Position:** 73°30'S, 94°30'W, in northwestern side of Jones Mountain  
**Dates of Operation:** November 1961 - January 1965  
**Description:** 4.8m x 4.8m Jamesway building, unknown quantity of food and fuel

### **Little Rockford**

**Position:** 79°30'S, 147°19'W, (relocated in 1959 from 79°35'S, 156°46'W)  
**Dates of Operation:** December 1958 - February 1965  
**Description:** 3 Wannigans, 1 improvised shelter, food and fuel unknown

### **Plateau Station**

**Position:** 79°15'S, 40°30'E  
**Dates of Operation:** December 1965 - January 1969  
**Description:** Main building 21m x 7.6m van; emergency station separated from main building consists of 9m x 2.4m van attached to a 4.8m x 8m Jamesway; 3-4.8m x 8.5m' and 1-4.8m x 4.8m Jamesway huts with limited supply of DFA and mogas available; however, access may be difficult owing to snow cover; 100 man/months of food plus cooking utensils. Only antenna observed during overflight of site in January 2003

### **Camp Ohio II**

**Position:** 86°S, 127°W, near crashed R4D aircraft  
**Dates of Operation:** November 1962 - January 1965  
**Description:** 4.8m x 7.3m Jamesway, 4 drums fuel, 2 man/months food  
plus cooking utensils

### **Roosevelt Island Hut**

**Position:** 80°11'S, 161°39'W  
**Dates of Operation:** 1969  
**Description:** Provisions for 25. No radio

### **Hallett Station**

**Position:** 72°19'S, 170°13'E  
**Dates of Operation:** January 1957 - February 1973  
**Description:** 4 buildings

### **Brockton Station**

**Position:** 80°01'S, 178°02'W  
**Dates of Operation:** October 1965 - February 1972  
**Description:** 4 buildings, 14 drums fuel, and 4,164 liters bulk fuel

### **Marie Byrd Land Camp**

**Position:** 75°45'S, 135°W  
**Dates of Operation:** October - December 1977  
**Description:** 5 Jamesway huts, bulk DFA, food

### **Ellsworth Mountains Camp**

**Position:** 79°07'S, 85°39'W  
**Dates of Operation:** November 1979 - January 1980  
**Description:** 1 Jamesway hut

### **McGregor Glacier Hut**

**Position:** 85°08'S, 174°50'E  
**Dates of Operation:** 1982-83 season  
**Description:** Camp buried under snow. No radio

### **Dome C Camp**

**Position:** 74°39'S, 124°10'E  
**Dates of Operation:** Camp active summer seasons through 1981/82. Last visited  
Jan. 1996  
**Description:** 8 Jamesway huts, 3,785 liters POL, and 2,722 kg. food

### **Beardmore South Camp**

**Position:** 85°2'S, 164°15'E  
**Dates of Operation:** October 1984 - February 1986  
**Description:** Wooden module buried under snow, mogas, some JP8  
available.

### **Siple Station**

**Position:** 75°56'S, 84°15'W  
**Dates of Operation:** January 1979 - February 1988  
**Description:** An unsafe enclosed area under-the-snow, and Jamesway huts  
on the surface.

### **Upstream Bravo**

**Position:** 83°29'S, 138°06'W  
**Dates of Operation:** February 1994  
**Description:** All structures buried.