

**MAPS
PUBLISHED OF ANTARCTICA
BY THE
U.S. GEOLOGICAL SURVEY**

MC MURDO STATION (US) SCOTT BASE (NZ)

SEPTEMBER 1977

ANTARCTIC MAPS

The Geological Survey in cooperation with the National Science Foundation prepares and publishes topographic maps of selected areas of Antarctica needed to support the U.S. Antarctic Research Program (USARP) efforts. These maps are prepared from aerial photography flown by U.S. Navy Air Development Squadron Six (VXE-6) in accordance with USGS specifications.

The Scientific Committee on Antarctic Research (SCAR) acts to effect international cooperation in Antarctic scientific activities. Maps and mapping data are automatically exchanged among the SCAR member nations, all of which are signatories to the 1959 Antarctic Treaty that set aside Antarctica for peaceful purposes only. The SCAR Working Group on Geodesy and Cartography has made recommendations concerning Antarctic mapping specifications and standards. Accordingly, Geological Survey topographic maps of Antarctica published since 1965 are on a subdivision of the International Map of the World (IMW) system and use SCAR-approved symbols.

Examples of topographic maps and other map products of the Antarctic area produced by the Geological Survey in support of USARP are shown here. Not shown is a new series of topographic maps at 1:50,000 scale being compiled in support of multidisciplinary investigations in the dry valley area of southern Victoria Land. The first eight sheets will be published in October 1977. For information, write to the National Cartographic Information Center, U.S. Geological Survey, National Center, Mail Stop 507, Reston, Virginia 22092.

Published maps may be ordered from the Branch of Distribution, Geological Survey, 1200 South Eads Street, Arlington, Virginia 22202. An order form listing the maps available is provided on the last pages of this publication. Prepayment is required.



1:250,000 scale (1 inch = about 4 miles)

TOPOGRAPHIC RECONNAISSANCE MAPS mapped, edited, and published by the U.S. Geological Survey in cooperation with the National Science Foundation. This series is the primary USARP map source for planning, logistic support, multidisciplinary investigations and as a base map for the Reconnaissance Geologic Map series.

These maps are generally compiled from U.S. Navy tricamera aerial photographs. Basic contour interval, 200 meters. Maps covering coastal areas also include bathymetric data.

Ice aerodrome (with facilities) 1972



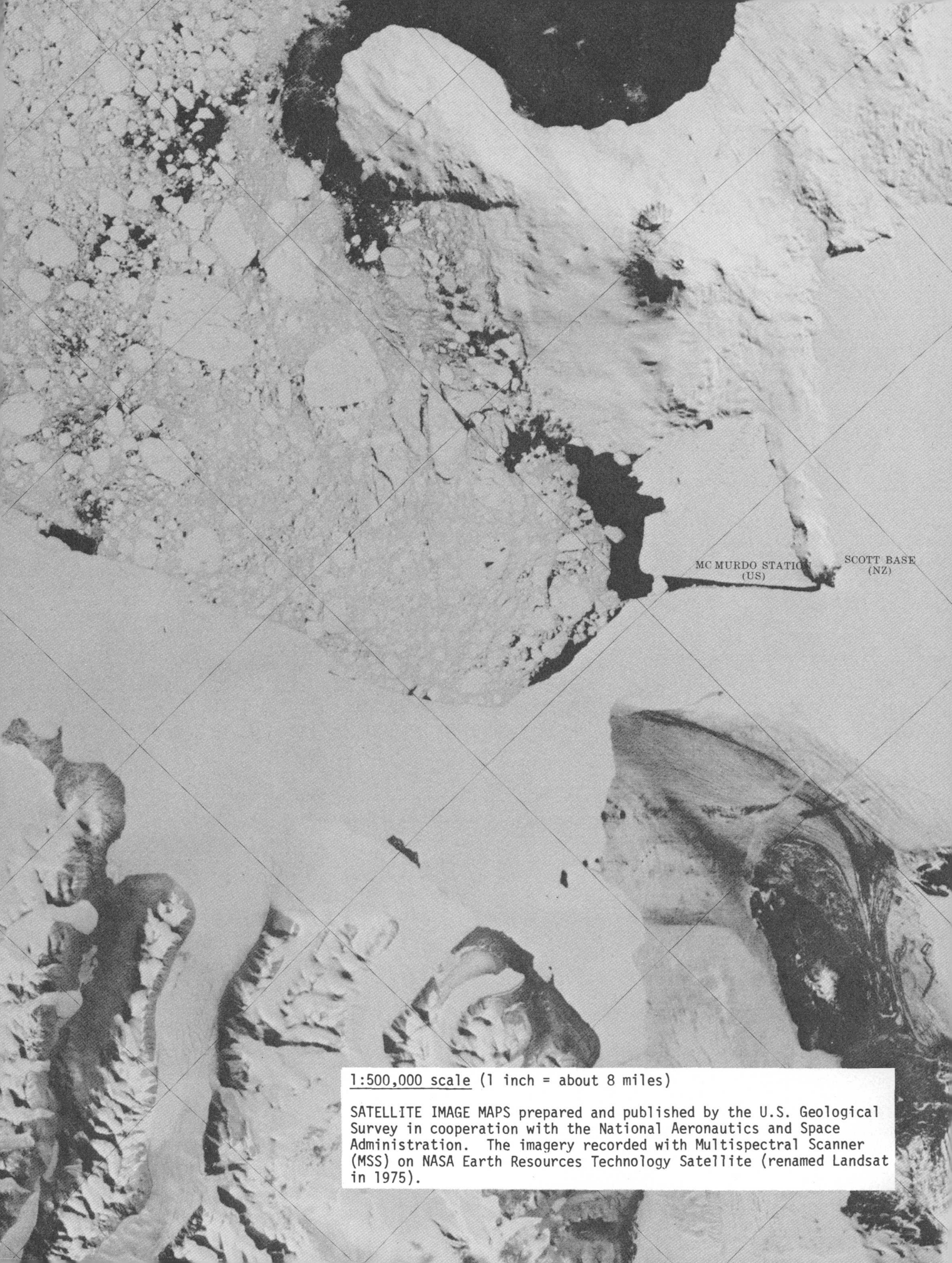
1:500,000 scale (1 inch = about 8 miles)

TOPOGRAPHIC RECONNAISSANCE SHADED RELIEF MAPS prepared by the U.S. Geological Survey in part using trimetrogon methods from U.S. Naval Task Force aerial photography taken during Operation HiJump, 1946-47. These maps were compiled and published by the U.S. Geological Survey in support of the International Geophysical Years (1955-58) and are available for coastal areas of Wilkes Land and Enderby Land.



1:250,000 scale (1 inch = about 4 miles)

GEOLOGIC RECONNAISSANCE MAPS prepared by the Institute of Polar Studies, The Ohio State University, under the auspices of the National Science Foundation and published by the U.S. Geological Survey. The contour interval is 200 meters.



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1:500,000 scale (1 inch = about 8 miles)

SATELLITE IMAGE MAPS prepared and published by the U.S. Geological Survey in cooperation with the National Aeronautics and Space Administration. The imagery recorded with Multispectral Scanner (MSS) on NASA Earth Resources Technology Satellite (renamed Landsat in 1975).



1:500,000 scale (1 inch = about 8 miles)

SKETCH MAPS prepared and published by the U.S. Geological Survey in cooperation with the National Science Foundation. This is an interim series compiled from the best source data and control available at the time of compilation. The features shown may be subject to redelineation when the area is mapped as part of the 1:250,000-scale topographic reconnaissance series. No contours are shown.

TMA 1747



BEAUFORT ISLAND
SPECIALLY PROTECTED AREA No. 5
Trespass or overflight prohibited by international agreement.
ZONE SPECIALEMENT SAUVEGARDEE
No. 5. Violation de la propriété ou survol
interdit par accord international.

1:1,000,000 scale (1 inch = about 16 miles)

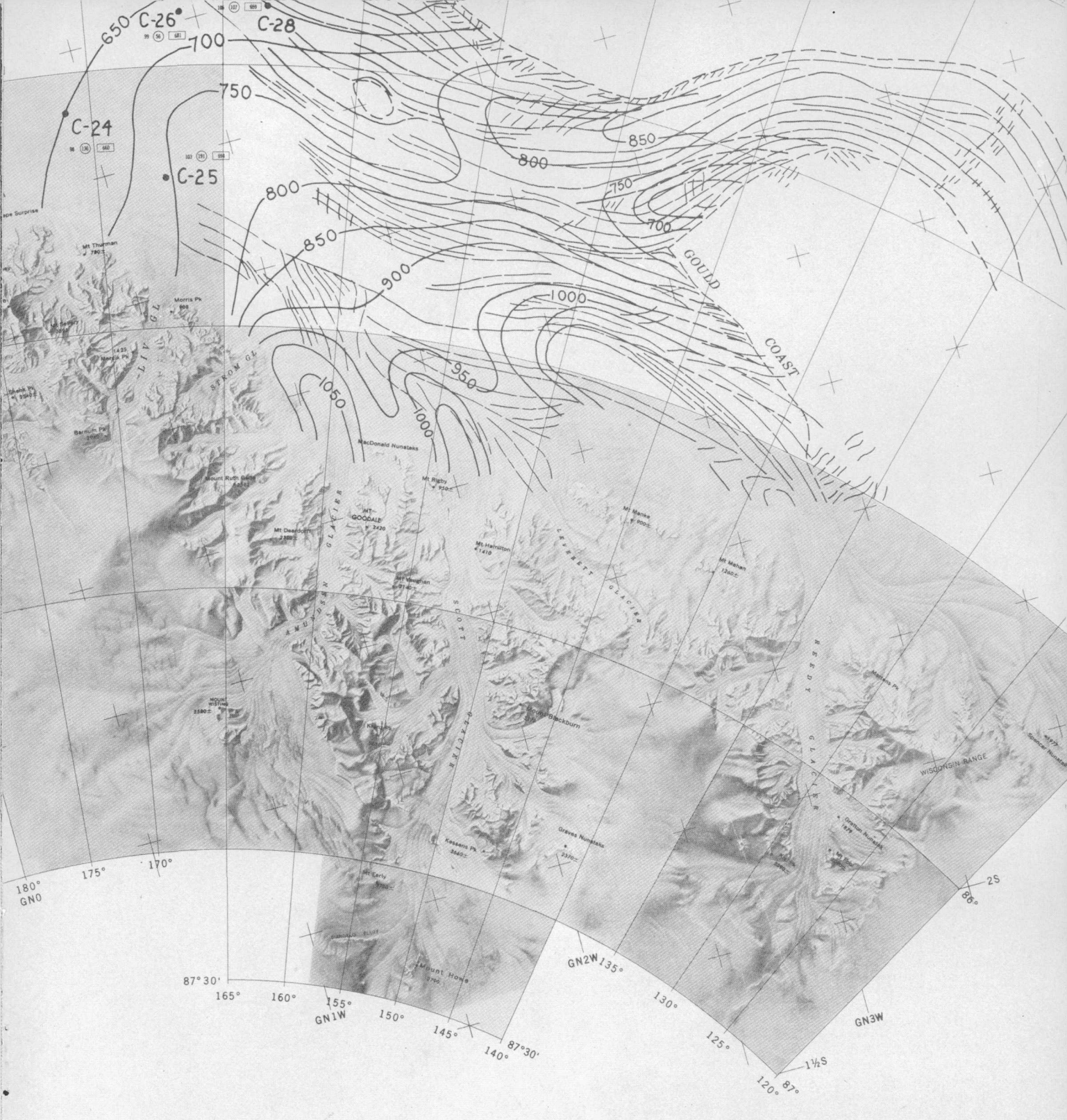
TOPOGRAPHIC MAPS mapped, edited, and published by the U.S. Geological Survey in cooperation with the National Science Foundation.

These maps are often compiled from USGS 1:250,000-scale maps or from new compilation and revisions from NASA Earth Resources Technology Satellite (renamed Landsat in 1975) imagery. Production of maps of Antarctica on the International Map of the World (IMW) format, using the Scientific Committee on Antarctic Research (SCAR) symbology, was initiated in 1974, with contour intervals of 100, 300, and 500 meters.



1:1,000,000 scale (1 inch = about 16 miles)

SATELLITE IMAGE MAPS prepared and published by the U.S. Geological Survey in cooperation with the National Aeronautics and Space Administration. Imagery from NASA Earth Resources Technology Satellite (renamed Landsat in 1975) controlled to photoidentified ground positions.

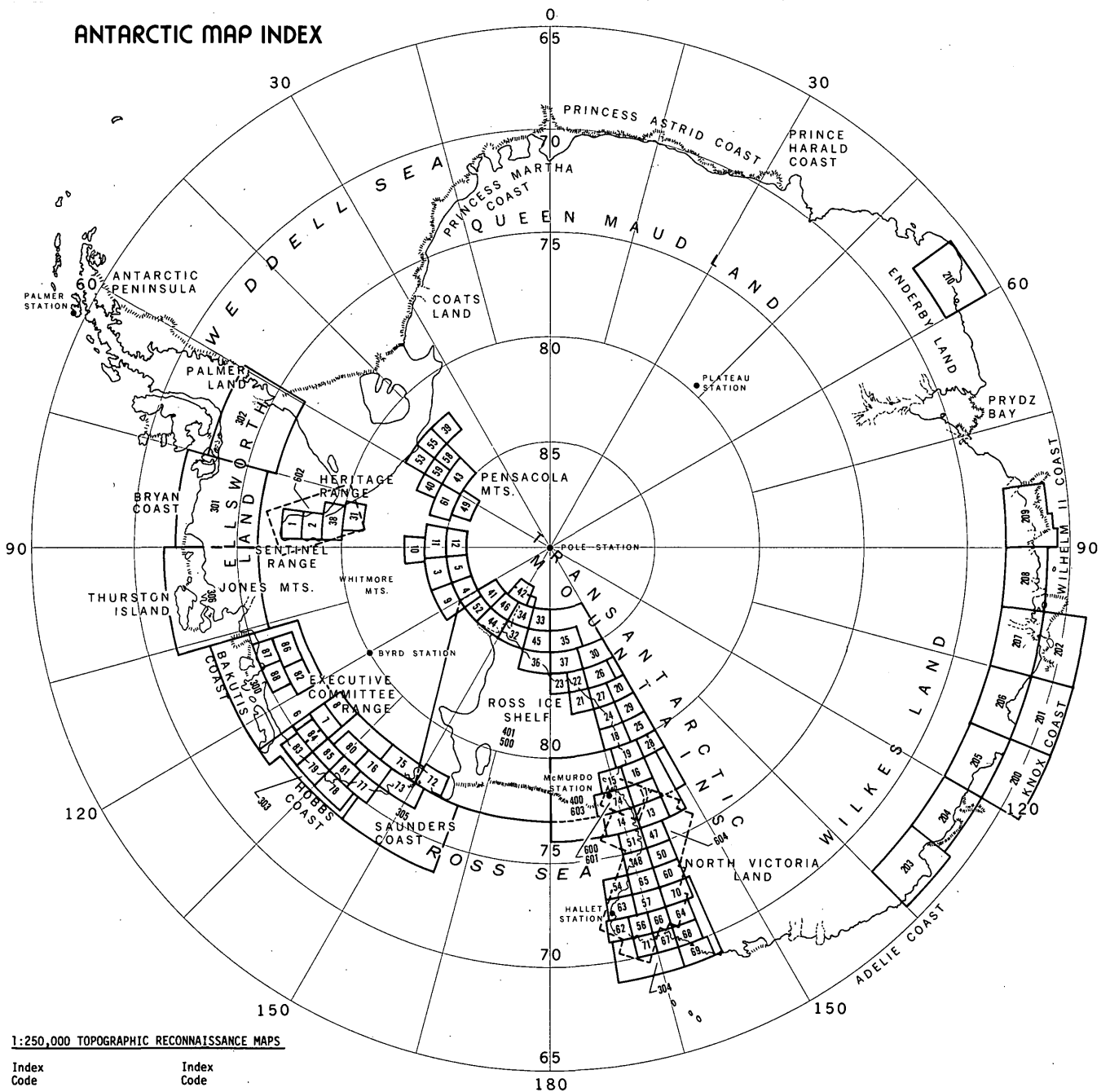


1:2,188,800 scale (1 inch = about 35 miles)

RECONNAISSANCE SKETCH AND TOPOGRAPHIC MAP of the Ross Ice Shelf prepared and published by the U.S. Geological Survey in cooperation with the National Science Foundation in support of the Ross Ice Shelf Geophysical and Glaciological Program.

This map was compiled using the following map sources: USGS 1:250,000 series, USGS 1:500,000 Sketch Map Series, and the Ross Ice Shelf, Provisional Map of Ice Thickness, Scott Polar Research Institute, Cambridge, England and updated from satellite imagery and aerial photography.

ANTARCTIC MAP INDEX



1:250,000 TOPOGRAPHIC RECONNAISSANCE MAPS

Index Code	Index Code
(1) Newcomer Glacier	(40) Blackburn Nunatak
(2) Vinson Massif	(41) Caloplaca Hills
(3) Havola Escarpment	(42) D'Angelo Bluff
(4) Long Hills	(43) Gambacorta Peak
(5) Moulton Escarpment	(44) Leverett Glacier
(6) Mount Galla	(45) Liv Glacier
(7) Mount Hampton	(46) Mount Blackburn
(8) Mount Sidley	(47) Mount Joyce
(9) Ohio Range	(48) Mount Melbourne
(10) Pagano Nunatak	(49) Pecora Escarpment
(11) Stewart Hills	(50) Reeves Névé
(12) Thiel Mountains	(51) Relief Inlet
(13) Convoy Range	(52) Wisconsin Range
(14) Franklin Island	(53) Cordiner Peaks
(15) Mount Discovery	(54) Coulman Island
(16) Mount Harmsworth	(55) Davis Valley
(17) Taylor Glacier	(56) Ebbe Glacier
(18) Cape Selborne	(57) Freyberg Mountains
(19) Carlyon Glacier	(58) Saratoga Table
(20) Geologists Range	(59) Schmidt Hills
(21) Holland Range	(60) Sequence Hills
(22) Mount Elizabeth	(61) Thomas Hills
(23) Mount Kathleen	(62) Cape Adare
(24) Mount Nares	(63) Cape Hallett
(25) Mount Olympus	(64) Daniels Range
(26) Mount Rabot	(65) Mount Murchison
(27) Nimrod Glacier	(66) Mount Soza
(28) Turnstile Ridge	(67) Ob' Bay
(29) Wilhoite Nunataks	(68) Pomerantz Tableland
(30) Buckley Island	(69) Suvorov Glacier
(31) Liberty Hills	(70) Welcome Mountains
(32) Mount Goodale	(71) Yule Bay
(33) Mount Wisting	(72) Alexandra Mountains
(34) Nilsen Plateau	(73) Guest Peninsula
(35) Plunket Point	(74) Ross Island
(36) Shackleton Glacier	(75) Boyd Glacier
(37) The Cloudmaker	(76) Gutenko Nunataks
(38) Union Glacier	(77) Mount McCoy
(39) Argentina Range	(78) Cape Burks

Index Code

(79) Grant Island
(80) Mount Berlin
(81) Hull Glacier
(82) Cray Mountains
(83) Dean Island
(84) McCuddin Mountains
(85) Mount Kosciusko
(86) Mount Takaha
(87) Mount Murphy
(88) Toney Mountain

1:250,000 GEOLOGIC RECONNAISSANCE MAPS

Index Code

(22-23) Mt. Elizabeth and Mt. Kathleen Quadrangles
(26) Mount Rabot Quadrangle
(30) Buckley Island Quadrangle
(35) Plunket Point Quadrangle
(72) Alexandra Mountains Quadrangle
(73) Guest Peninsula Quadrangle
(75) Boyd Glacier Quadrangle

1:500,000 SHADED RELIEF RECONNAISSANCE MAPS

Index Code

Australian quadrant:

(200) E2-64-9
(201) E2-64-10
(202) E2-64-11
(203) E2-66-7
(204) E2-66-8
(205) E2-66-9
(206) E2-66-10
(207) E2-66-11
(208) E2-66-12

African quadrant:

(209) E1-66-12
(210) E1-66-8

1:500,000 SKETCH MAPS

Index Code

(300) Bakutis Coast-Marie Byrd Land
(301) Bryan Coast-Ellsworth Land
(302) Ellsworth Land-Palmer Land (East Part) (South Part)
(303) Hobbs Coast-Marie Byrd Land
(304) Northern Victoria Land
(305) Saunders Coast-Marie Byrd Land
(306) Thurston Island-Jones Mountains

1:1,000,000 TOPOGRAPHIC MAPS

Index Code

(400) McMurdo Sound (IMW)
(401) Ross Ice Shelf

1:2,188,800 TOPOGRAPHIC MAP

Index Code

(500) Ross Ice Shelf

SATELLITE IMAGE MAPS

Index Code

(600) McMurdo Sound Region
(601) McMurdo Sound Region
(602) Ellsworth Mountains
(603) McMurdo Sound
(604) Victoria Land Coast

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ANTARCTICA

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SURCHARGE For transmittal of maps outside of the United States (except for Canada and Mexico), a surcharge of 25 percent of the net bill will be added to cover surface transportation. Air Mail and other special service will be charged at full cost of service.

1:250,000 TOPOGRAPHIC RECONNAISSANCE MAPS

Size: 26 x 30, 33, or 36 inches, according to latitude. Price: \$2.00 each

- ___ Alexandra Mountains
- ___ Argentina Range
- ___ Blackburn Nunatak
- ___ Boyd Glacier
- ___ Buckley Island
- ___ Caloplaca Hills
- ___ Cape Adare
- ___ Cape Burks
- ___ Cape Hallett
- ___ Cape Selborne
- ___ Carlyon Glacier
- ___ Convoy Range
- ___ Cordiner Peaks
- ___ Coulman Island
- ___ Crary Mountains
- ___ D' Angelo Bluff
- ___ Daniels Range
- ___ Davis Valley
- ___ Dean Island
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- ___ Franklin Island
- ___ Freyberg Mountains
- ___ Gambacorta Peak
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- ___ Mount Joyce
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- ___ Mount Kosciusko
- ___ Mount McCoy
- ___ Mount Melbourne
- ___ Mount Murchison
- ___ Mount Murphy
- ___ Mount Nares
- ___ Mount Olympus
- ___ Mount Rabot
- ___ Mount Sidley
- ___ Mount Soza
- ___ Mount Takahe
- ___ Mount Wisting
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- ___ Shackleton Glacier
- ___ Stewart Hills
- ___ Surorov Glacier
- ___ Taylor Glacier
- ___ The Cloudmaker
- ___ Thiel Mountains
- ___ Thomas Hills
- ___ Toney Mountain
- ___ Turnstile Ridge
- ___ Union Glacier
- ___ Vinson Massif
- ___ Welcome Mountain
- ___ Wihoite Nunataks
- ___ Wisconsin Range
- ___ Yule Bay

1:250,000 GEOLOGIC RECONNAISSANCE MAPS

Price: \$1.75 each

- ___ Mount Rabot Quadrangle
Antarctic Map No. 1
- ___ Mt. Elizabeth and Mt. Kathleen
Quadrangles
Antarctic Geologic Map A-2
- ___ Buckley Island Quadrangle
Antarctic Geologic Map A-3
- ___ Plunket Point Quadrangle
Antarctic Geologic Map A-4
- ___ Alexandra Mountains Quadrangle-
Marie Byrd Land
Antarctic Geologic Map A-5
- ___ Boyd Glacier Quadrangle-
Marie Byrd Land
Antarctic Geologic Map A-6
- ___ Guest Peninsula Quadrangle-
Marie Byrd Land
Antarctic Geologic Map A-7

1:500,000 SHADED RELIEF RECONNAISSANCE MAPS

Size: 25 x 33 inches. Price: \$1.25 each

African quadrant:

- ___ E1-66-8
- ___ E1-66-12

Australian quadrant:

- ___ E2-64-9
- ___ E2-64-10
- ___ E2-64-11
- ___ E2-66-7
- ___ E2-66-8
- ___ E2-66-9
- ___ E2-66-10
- ___ E2-66-11
- ___ E2-66-12

1:500,000 SKETCH MAPS

Price: \$1.50 each

- ___ Bakutis Coast-Marie Byrd Land
Size: 54 x 46 inches
- ___ Bryan Coast-Ellsworth Land
Size: 44 x 40 inches
- ___ Ellsworth Land-Palmer Land
(East Part) (South Part)
Size: 48 x 39 inches

- ___ Hobbs Coast-Marie Byrd Land
Size: 48 x 48 inches
- ___ Northern Victoria Land
Size: 49 x 41 inches
- ___ Saunders Coast-Marie Byrd Land
Size: 49 x 45 inches
- ___ Thurston Island-Jones Mountains
Size: 48 x 44 inches

1:1,000,000 TOPOGRAPHIC MAPS

Price

- ___ McMurdo Sound (IMW) \$2.00
Size: 35 x 27 inches
- ___ Ross Ice Shelf \$2.25
Size: 58 x 50 inches

1:2,188,800 TOPOGRAPHIC MAP

Price

- ___ Ross Ice Shelf \$1.25
Size: 32 x 36 inches

SATELLITE IMAGE MAPS

Scale Price

- Index
- ___ McMurdo Sound 1:250,000 \$1.50
Region
Size: 35 x 37 inches
- ___ McMurdo Sound 1:500,000 \$1.25
Region
Size: 22.5 x 21 inches
- ___ Ellsworth 1:500,000 \$2.00
Mountains
Size: 30.5 x 43 inches
- ___ McMurdo Sound 1:1,000,000 \$2.00
Size: 33 x 27 inches
- ___ Victoria Land 1:1,000,000 \$2.00
Coast
Size: 29 x 41 inches

As the Nation's principal conservation agency, the Department of the Interior has responsibility for most of our nationally owned public lands and natural resources. This includes fostering the wisest use of our land and water resources, protecting our fish and wildlife, preserving the environmental and cultural values of our national parks and historical places, and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to assure that their development is in the best interests of all our people. The Department also has a major responsibility for American Indian reservation communities and for people who live in Island Territories under U.S. administration.



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U.S. Department of the Interior

V.E. McKelvey, Director
Geological Survey

