

**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.



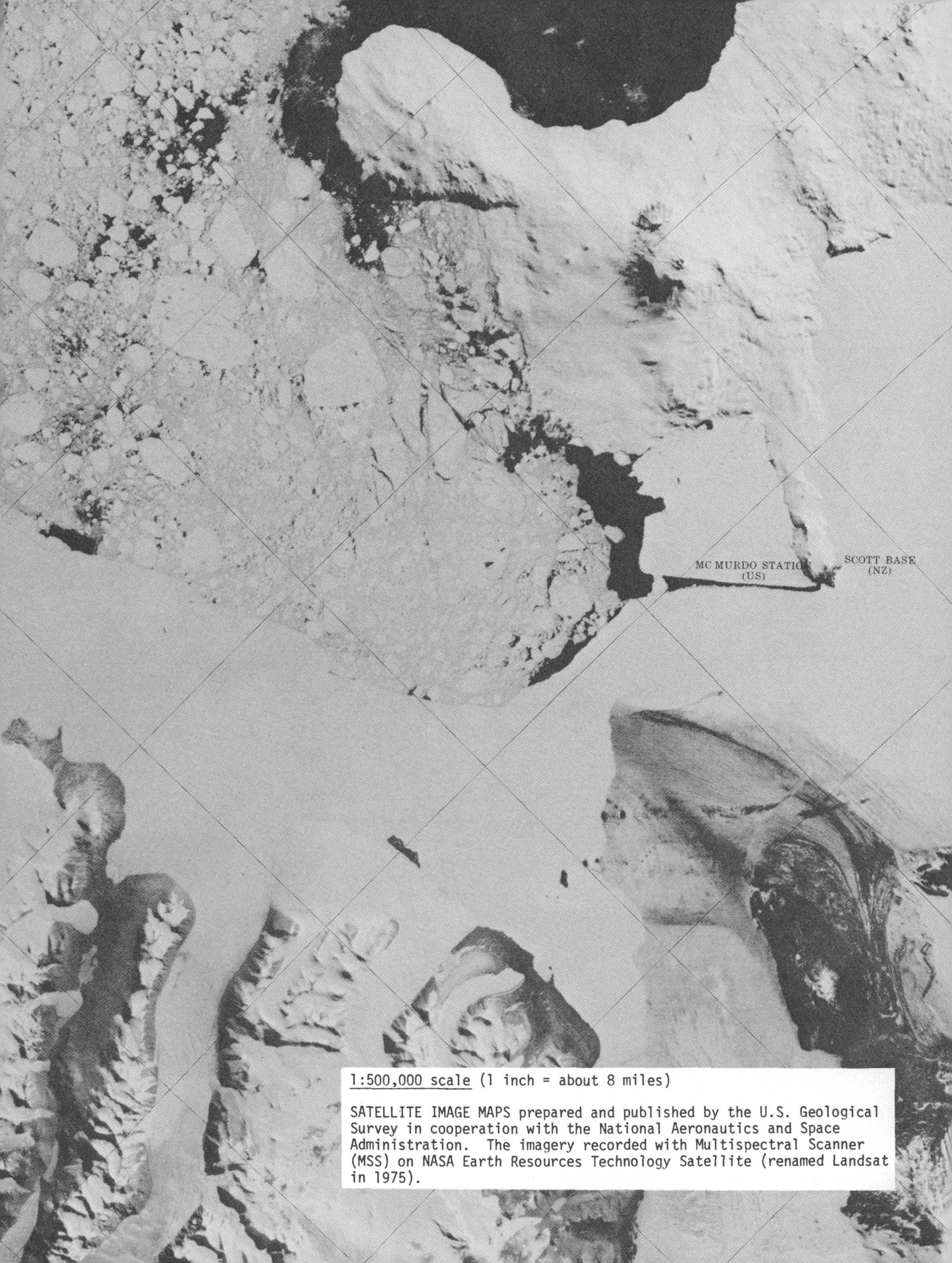
1:500,000 scale (1 inch = about 8 miles)

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).



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)

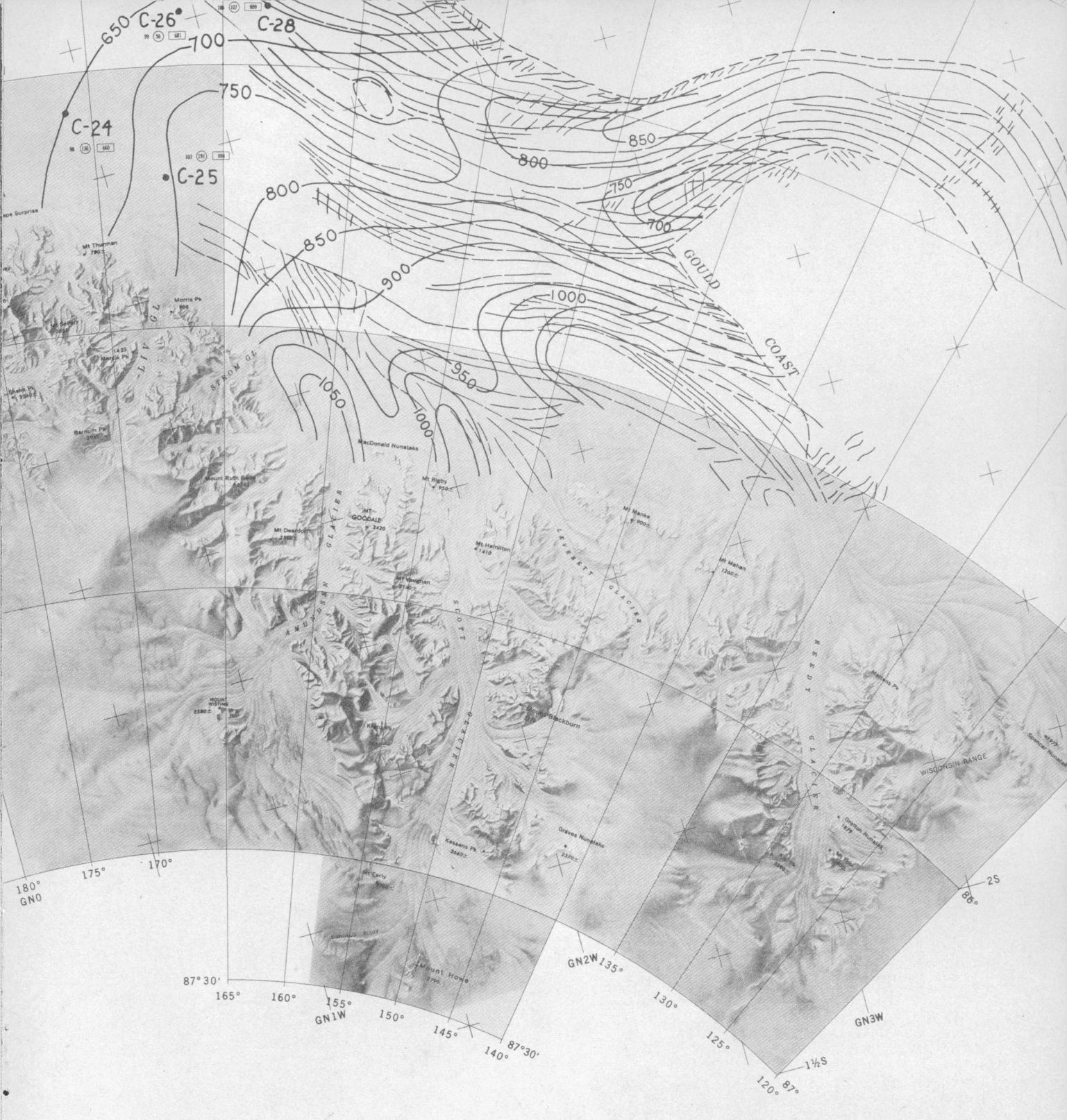
TOPOGRAPHIC MAPS mapped, edited, and published by the U.S. Geological Survey in cooperation with the National Science Foundation.

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.

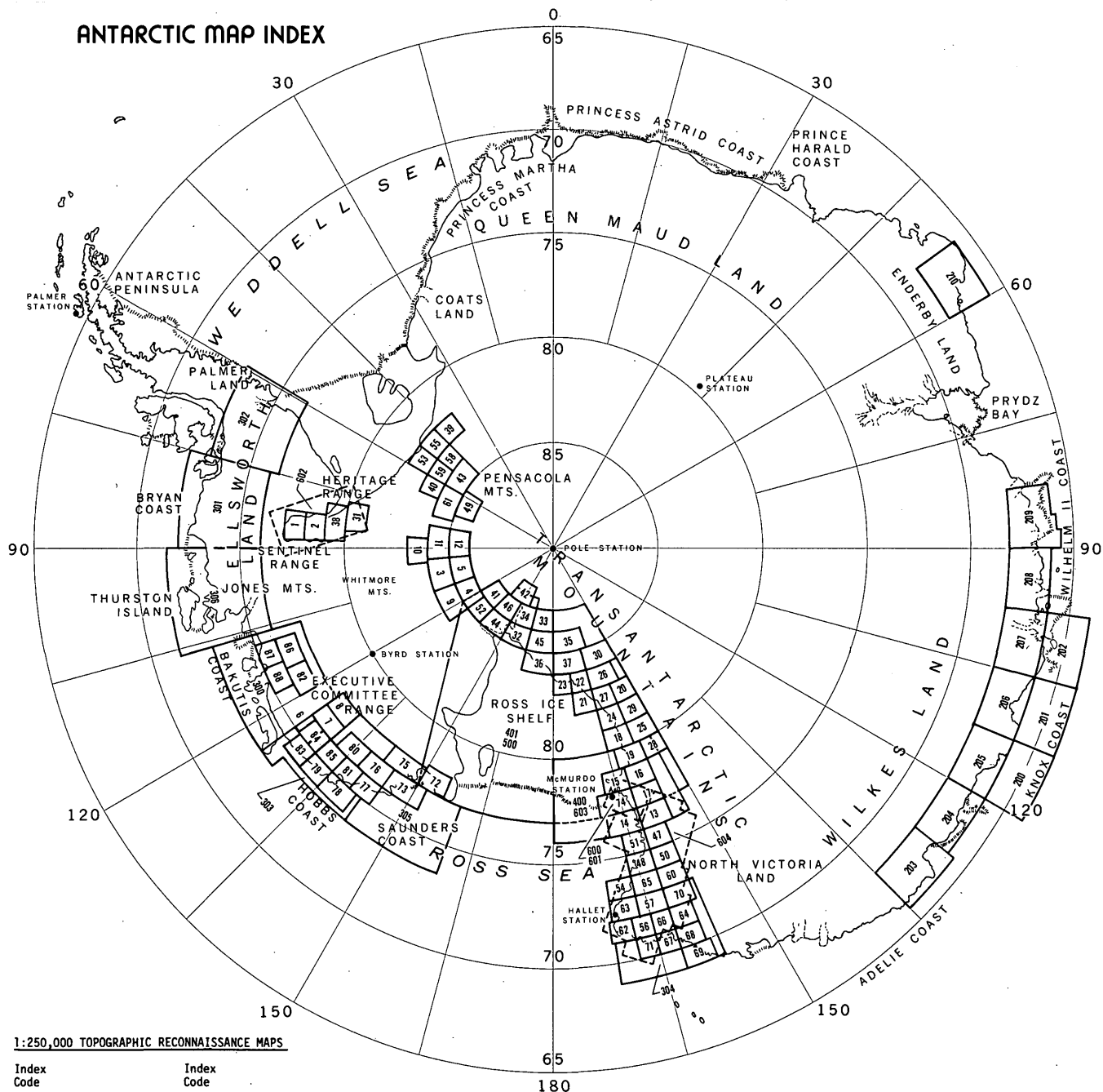


1:2,188,800 scale (1 inch = about 35 miles)

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) Calopla 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

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(82) Cray Mountains	(86) Mount Takahé
(83) Dean Island	(87) Mount Murphy
(84) McCuddin Mountains	(88) Toney Mountain

1:250,000 GEOLOGIC RECONNAISSANCE MAPS

Index Code	Index Code
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(24) Antarctic Geologic Map A-2	(73) Guest Peninsula Quadrangle
(25) Mount Rabot Quadrangle	(74) Ross Island Quadrangle
(26) Mount Rabot Quadrangle	(75) Boyd Glacier Quadrangle
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(36) Antarctic Geologic Map A-7	
(37) Boyd Glacier Quadrangle	
(38) Marie Byrd Land	
(39) Antarctic Geologic Map A-6	

1:500,000 SHADED RELIEF RECONNAISSANCE MAPS

Australian quadrant:

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

African quadrant:

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

1:500,000 SKETCH MAPS

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

1:1,000,000 TOPOGRAPHIC MAPS

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

1:2,188,800 TOPOGRAPHIC MAP

Index Code	Index Code
(500) Ross Ice Shelf	

SATELLITE IMAGE MAPS

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

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ANTARCTICA

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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
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____ Mount Harmsworth
____ Mount Joyce
____ Mount Kathleen
____ Mount Kosciuszko
____ Mount McCoy
____ Mount Melbourne
____ Mount Murchison
____ Mount Murphy
____ Mount Nares
____ Mount Olympus
____ Mount Rabot
____ Mount Sidley
____ Mount Soza
____ Mount Takahe
____ Mount Wisting
____ Newcomer Glacier
____ Nilsen Plateau

____ Nimrod Glacier
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____ Pagano Nunatak
____ Pecora Escarpment
____ Plunket Point
____ Pomerantz Tableland
____ Reeves Névé
____ Relief Inlet
____ Ross Island
____ Saratoga Table
____ Schmidt Hills
____ Sequence Hills
____ 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

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

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Geological Survey

