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ANTARCTICA

PREPARED BY
THE AMERICAN GEOGRAPHICAL SOCIETY
FOR THE
NATIONAL ACADEMY OF SCIENCES

UNITED STATES NATIONAL COMMITTEE
INTERNATIONAL GEOPHYSICAL YEAR
1957-1958

Stereographic Projection Scale in latitude 71°: 1:6,000,000

STATUTE MILES
KILOMETERS

Elevations and depths in meters

Generalized contours or form lines	
Solid lines are approximate except in a few areas where detailed surveys have been made; see inset "Mapping the Antarctic"	See bed contours
Glaciers	Lakes
Ice shelf, ice wall	Peaks, nunataks, and ice rises
Ice front	Rock outcrops
Selected soundings	(ED) Position doubtful
Ice thickness	(PA) Position approximate
Ground traverse	Escarpment
Crevassing	Chasm, depression
Auxiliary base, cache, depot	
I.G.Y. bases, with date established and evacuated	

Names follow rulings of the United States Board on Geographical Names, except those marked with an asterisk*. New names applied by United States personnel during I.G.Y. operations are omitted pending official acceptance.

PACIFIC QUADRANT

AMERICAN QUADRANT

I.G.Y. BASES IN THE PALMER PENINSULA AREA

ARGENTINA
1. Deception (1951)
2. Teniente Cepeda (1953)
3. Esperanza (Base Sargento Ruiz Pargo) (1951)
4. Esperanza (Base Primavera) (1953)
5. Cámara (Base Brown) (1953)
6. Decepcion (Base Gen Pico) (1953)

CHILE
7. Arturo Prat (1951)
8. Pedro Aguirre Cerda (1951)
9. Bernardo O'Higgins (Base Yelcho) (1951)
10. Frei Montalva (Base Frei) (1953)

UNITED KINGDOM
11. Signy Island (South) (1951)
12. Signy Island (North) (1953)
13. Borgmassivet (Grytviken) (1953)
14. Stonington Island (1951)
15. Base Footh, Hoare Bay
16. Adelaide Island (Base T) (1953)
17. Argentine Is. (Base F) (1953)
18. Detaille I. (Base R) (1953)
19. Horseshoe Is. (Base E) (1953)
20. Prospect Point (Base A)

UNITED STATES TO ANTARCTICA
ORTHOGRAPHIC PROJECTION
SCALE 1:18,000,000

ANTARCTICA
IN RELATION TO THE
OTHER CONTINENTS
POLAR AZIMUTHAL EQUAL-AREA PROJECTION
SCALE 1:52,000,000

1 — Probable extreme limit of pack ice in January
2 — 32° isotherm for January (warmest month)
3 — Extreme limit of pack ice in August and September (maximum season)
4 — Extreme limit of icebergs

MAPPING THE ANTARCTIC
AS OF OCTOBER 1958
SCALE 1:36,000,000

- Accepted astronomically determined position
- Areas with contoured relief on scales of 1:250,000 or greater
- Areas mapped by reconnaissance, chiefly by aerial photography
- Approximate areas of coverage by vertical, trimetrogon, and independent oblique photography
- Approximate coverage of areas as seen from the air
- Principal photographic flight lines with vertical, trimetrogon, or oblique photography

AUSTRALIAN QUADRANT

AFRICAN QUADRANT

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A. Hoen & Co. Lith., Baltimore, U. S. A.

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