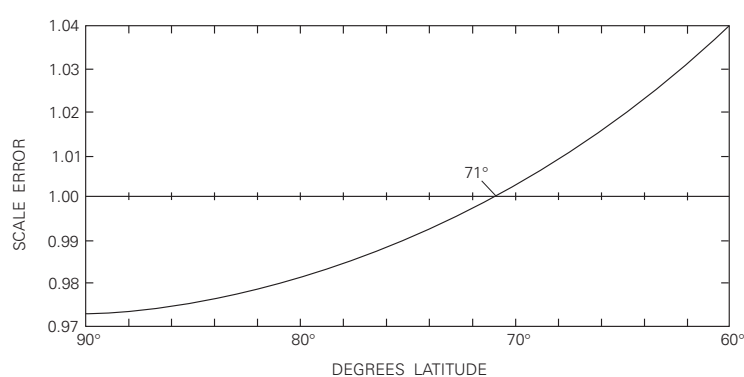


Index map of the planned 23 coastal-change and glaciological maps of Antarctica at 1:1,000,000 scale. Trinity Peninsula area and South Shetland Islands map is shaded. Maps published to date are indicated by letter and are described in table 9 of the accompanying pamphlet.

EXPLANATION

- 2000 Ice front—2000s
1980 Ice front—1990s
1960 Ice front—1980s
1940 Ice front—1970s
1920 Ice front—1960s
1900 Ice front—1950s and 1940s
1843 Ice front—1843
- Grounding line**
- Location of fluctuating unnamed glacier or ice front—Number corresponds to numbered listing in table 4B in pamphlet
- Named and unnamed glaciers and (or) ice fronts that have fluctuated an average of more than 75 meters per year (m a⁻¹) during some time interval since the 1940s**—Named and unnamed features are listed in pamphlet, tables 4A and 4B, respectively
- Retreat
 - Advance
 - Retreat and advance
- Former Prince Gustav and Northern Larsen Ice Shelves**—Farthest extent observed since the 1950s



Graph showing scale error of polar stereographic projection with standard parallel at 71°S. Modified from Sievers and Bennat (1989)

Maps used in compilation and analysis:

Directorate of Overseas Surveys, DOTS D61, Series S01 1:200,000 scale
 South Thailand Islands, 1968, Sheet SW 65 54 (Extended)
 South Thailand Islands, 1968, Sheet SW 62 56
 South Thailand Islands, 1968, Sheet SW 63 58
 South Thailand Islands, 1968, Sheet SW 62 60
 British Antarctic Survey, BAS 260 Series (1:250,000 scale)
 Antipenninsula, 1974, Sheet BAS 260/1
 Jomville Island, 1973, Sheet ST-21/2214 (Extended)
 Anvers Island (Sheet BAS 250P), 1973, Sheet SC 19-20/3
 James Land, 1974, Sheet ST-21/2215 (Extended)
 James Ross Island, 1974, Sheet ST-21/2221 (Extended)
 British Antarctic Survey, BAS 100 Series (1:100,000 scale)
 James Ross Island, 1981, Sheet BAS 100/1
 British Antarctic Survey, BAS Miscellaneous Series
 Antipenninsula and Weddell Sea, 2000, Sheet BAS (Misc) 8,
 1:300,000 scale
 British Antarctic Territory (North of 82° S) with South Georgia and
 South Sandwich Islands, 1981, Sheet BAS (Misc) 2, 1:300,000 scale
 Institut für Angewandte Geodäsie und British Antarctic Survey,
 Topographic Satellite Image Map Series
 Topographic Satellite Image Map Series, 1:250,000 scale
 Institut für Satellitengeographie (IGF) and Laboratorio de
 Pesquisas Antárticas e Geocliológicas (LAPAG), Topographic
 Satellite Image Map Series
 King George Island, South Thailand Islands, 2001, 1:100,000 scale

Other information source:

Antarctic Digital Database (ADD) (British Antarctic Survey and others, 1993; see full reference citation in accompanying pamphlet). The Antarctic Digital Database project provides a digital coastline and other cartographic information of Antarctica.

Image base from the Landsat 4 and 5 TM image mosaic of the Antarctic Peninsula (30-meter pixel), digitally mosaicked and georeferenced by the former Institut für Angewandte Geodäsie (IfAG), now the Bundesamt für Kartographie und Geodäsie (BKG), and augmented by two Landsat 4 TM scenes and one Landsat 7 ETM+ scene. The accuracy of the mosaic was calculated by A.P.R. Cooper (British Antarctic Survey) to be ± 150 m.

INDEX MAP OF LANDSAT 1, 2, AND 3 MSS IMAGES FROM THE 1970s, USED FOR FEATURE ANALYSIS

Path/Row	EDC ¹ Entity No.	Date
229/105	2229105007703190	31 Jan 77
229/106	2229106007703190	31 Jan 77
230/105	2230105007703290	01 Feb 77
230/106	2230106007703290	01 Feb 77
232/105	23232105007905190	20 Feb 79
232/106	23232106007930890	04 Nov 78
233/104	2333104007304790	16 Feb 73
233/105	2333105007400690	08 Jan 74
233/106	2333106007304790	16 Feb 73

¹ EROS Data Center, U.S. Geological Survey

INDEX MAP OF LANDSAT IMAGES USED FOR FEATURE ANALYSIS:
LANDSAT 4 AND 5 MSS AND TM IMAGES FROM THE MID-1980s TO
EARLY 1990s AND LANDSAT 7 ETM+ IMAGES FROM THE EARLY 2000s

Path/Row	EDC ¹ Entity No.	Date
214/103	7214103000005450	23 Feb 90
215/104	7215104000002950	29 Jan 00
215/104	4215104009004910	18 Feb 90
215/105	4215105008606010	29 Feb 88
216/103	42161030063930910	05 Nov 89
216/105	42161050063930910	05 Nov 89
216/105	72161050000050250	21 Feb 00
217/105	4217105008606010	01 Mar 86
219/104	5219104009004510	14 Feb 90

¹EROS Data Center, U.S. Geological Survey