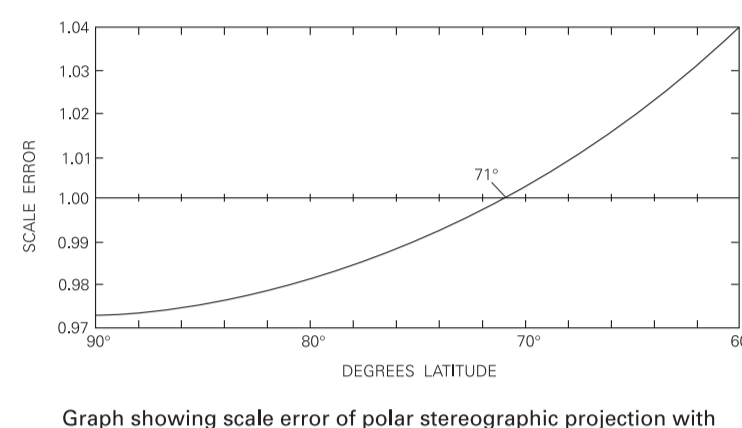


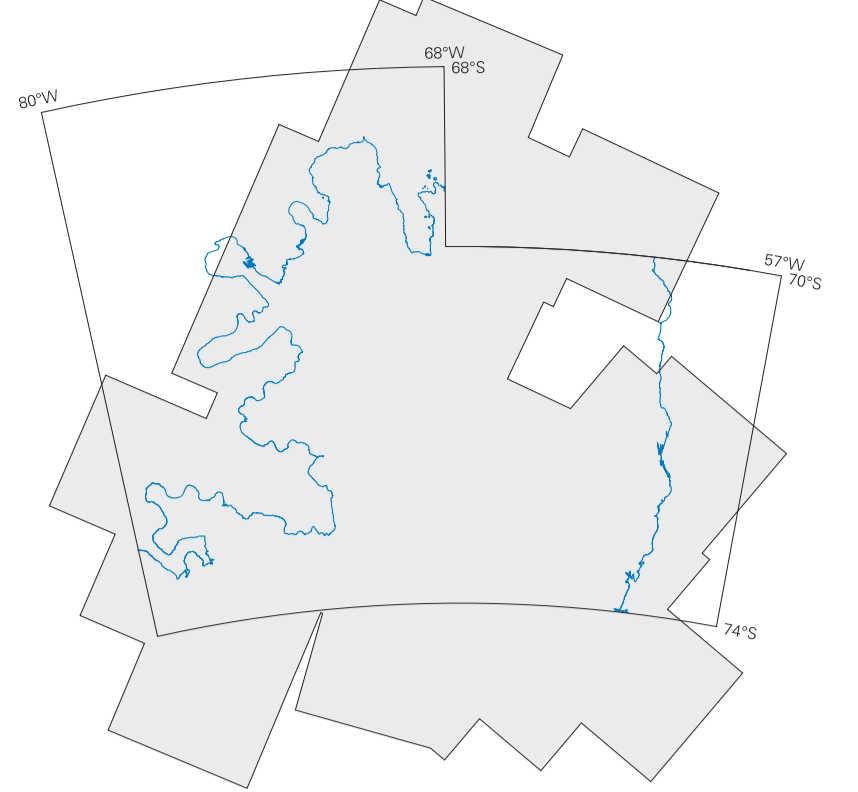
INDEX MAP OF LANDSAT 7 ETM+ IMAGES FROM THE EARLY 2000s, USED FOR FEATURE ANALYSIS

Path/Row	EDC ¹ Entry No.	Date
214/109	721410000134450	10 Dec 01
218/109	721810000104050	04 Jan 01
220/109	722010000105050	19 Feb 01
223/109	722310000090650	15 Feb 02
212/110	721210000056650	25 Feb 00
223/110	722310000046650	15 Feb 00
211/111	721110000065650	05 Mar 00
220/111	722010000135650	20 Dec 01
211/112	721110000051550	20 Feb 01
207/113	720710000023550	22 Feb 00
140/122	714010000010250	02 Jan 01

¹EOS Data Center, U.S. Geological Survey.



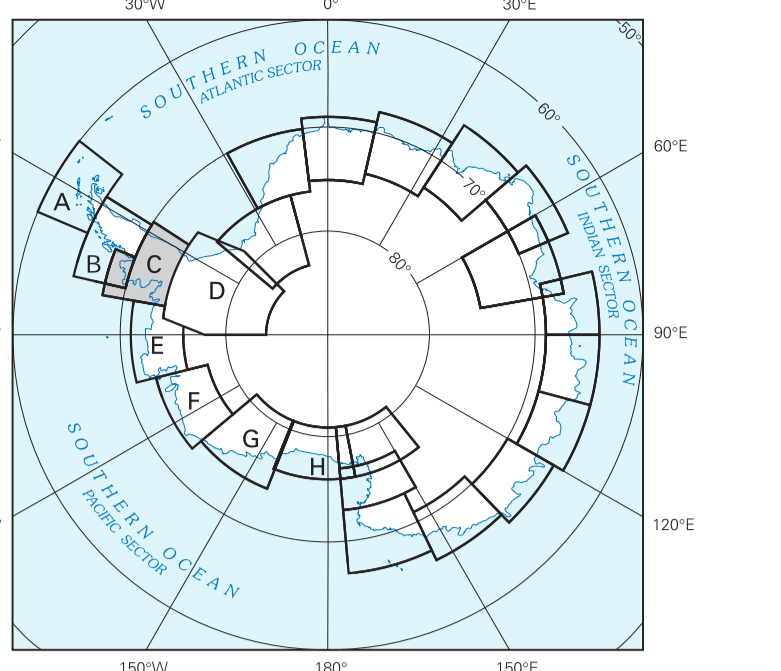
Graph showing scale error of polar stereographic projection with standard parallel at 71° S. Modified from Sievers and Bennet (1989).



INDEX MAP OF COVERAGE AREA OF IAG MOSAIC OF LANDSAT 4 AND 5 TM IMAGES FROM THE MID-1980s TO EARLY 1990s, USED FOR MAP BASE. SELECTED IMAGES ALSO USED FOR FEATURE ANALYSIS

Path/Row	EDC ¹ Entry No.	Date
207/113	420710000021010	08 Nov 89
210/111	421011000002710	27 Jan 89
210/112	421011000005910	28 Feb 86
210/113	421011000006910	28 Feb 86
211/111	421111000008010	20 Mar 89
213/112	421311000005210	01 Feb 89
213/113	421311000006210	01 Feb 89
214/113	421411000008210	24 Feb 86
215/108	421510000008210	08 Jan 89
215/111	421511000008310	29 Dec 89
215/109	421510000042910	24 Nov 84
216/112	421611000010310	04 Feb 91
217/109	421710000001510	15 Jan 90
217/110	421711000000310	15 Jan 90
217/111	421711000002810	28 Jan 89
218/109	421810000001010	20 Feb 89
218/108	4218100000104010	09 Feb 91
219/110	4219100000081010	26 Nov 89
219/111	4219110000033010	02 Dec 89
219/113	4219110000034610	12 Dec 89
220/108	4220100000069510	08 Mar 89
220/109	42201000000694910	18 Feb 86
220/110	42201000000694910	18 Feb 86
220/111	42201100000694910	18 Feb 86
220/112	42201100000694910	27 Jan 89
221/110	422110000002710	27 Jan 89
221/112	422110000002710	24 Jan 89
223/111	422311000007010	11 Mar 89

¹EOS Data Center, U.S. Geological Survey.



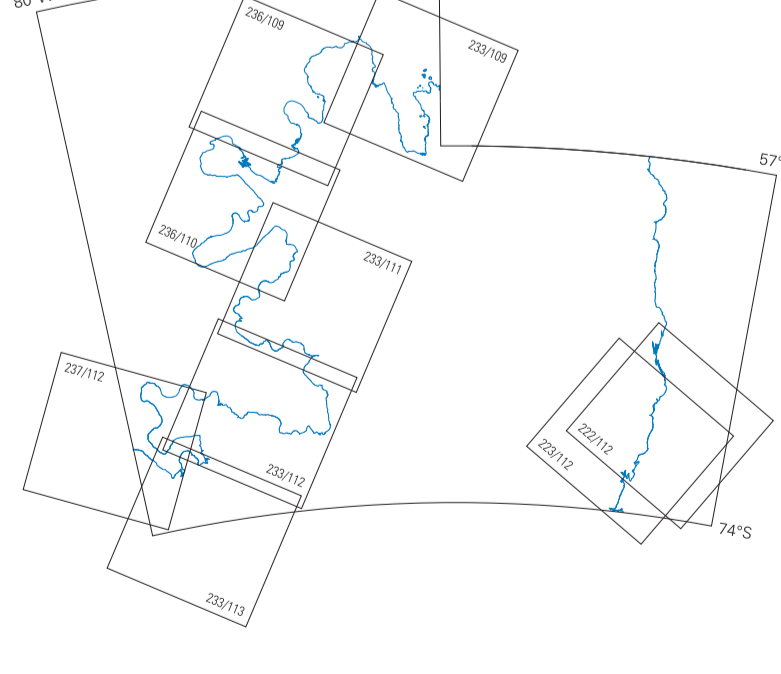
Index map of the planned coastal-change and glaciological maps of Antarctica at 1:1,000,000 scale. Palmer Land area map is shaded. Maps published to date are indicated by letter and are described in table 1 of the accompanying pamphlet.

EXPLANATION

Ice Wall or Ice Front Reliability	Thin Ice Front	Iceberg Tongue	Floating Glacier Tongue
Good	Thin Ice Front	Iceberg Tongue	Floating Glacier Tongue
Poor	Thin Ice Front	Iceberg Tongue	Floating Glacier Tongue

Selected ice fronts, iceberg tongues, and floating glacier tongues show date of observation

Grounding line
Former grounding line
Location of fluctuating unannexed glacier or ice front—Number corresponds to numbered listing in table 5 in pamphlet
Former extent of selected major ice-sheet fronts—Farthest extent observed since the 1940s



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

Path/Row	EDC ¹ Entry No.	Date
222/112	322211007639200	18 Dec 78
223/112	322311007639200	03 Nov 79
223/109	322310000740090	06 Jan 74
223/108	322310000730090	03 Feb 79
223/111	322311007302990	29 Jan 73
223/110	322310007302990	29 Jan 73
222/113	322210007302990	18 Feb 75
226/109	226100007504990	18 Feb 75
226/110	122610007520990	21 Nov 72
227/112	122711007532190	17 Nov 73

¹EOS Data Center, U.S. Geological Survey.

Maps used in compilation and analysis:
British Antarctic Survey, BAS 250 and 250P Series (1:250,000 scale)
Alexander Island, 1974, Sheet SR 12-18/15, 16
Marguerite Bay, Graham Land, 1978, Sheet SR 19-20/2
Cape Jeremy, Palmer Land/Graham Land, 1978, Sheet SR 19-20/6
Coblet Mountains, Alexander Island, 1962, Edn. 2, Sheet SR 19-20/5
George VI Sound, 1984, Edn. 2, Sheet SR 19-20/10
Palmer Land, 1976, Sheet SR 19-20/12
Alexander Island, 1984, Edn. 2, Sheet SR 19-20/13
George VI Sound, 1984, Edn. 2, Sheet SR 19-20/14
Palmer Land, 1976, Sheet SR 19-20/16
Ronnie Entrance, 1974, Sheet SS 16-18/4
Eklund Islands, 1974, Sheet SS 16-18/8, 19-21/5
Alexander Island, 1974, Sheet SS 19-21/1
British Antarctic Survey, BAS Miscellaneous Series
Antarctic Peninsula and Weddell Sea, 2005, Sheet BAS (Misc) 8, 1:3,000,000 scale
British Antarctic Territory (north of 82° S) with South Georgia and South Sandwich Islands, 1981, Sheet BAS (Misc) 2, 1:3,000,000 scale
U.S. Geological Survey Antarctica Sketch Map Series (1:500,000 scale)
Brian Coast-Ellsworth Land, 1968
Ellsworth Land (east part)-Palmer Land (south part), 1969
Palmer Land (north part), 1979

Other information sources:
Antarctic Digital Database (ADD) (British Antarctic Survey and others, 1993; ADD Consortium, 2007; see full reference citations in accompanying pamphlet). The Antarctic Digital Database project provides a digital coastline and other cartographic information of Antarctica.
RADARSAT SAR-1 image mosaic of Antarctica, 1997
RADARSAT Antarctic Mapping Project (RAMAP), Byrd Polar Research Center, The Ohio State University; see full reference citation in accompanying pamphlet.
Vertical and oblique aerial photography, 1947-1992; see table 2 in accompanying pamphlet.

Map projection parameters have been used in accordance with the recommendations of the Working Group on Geodesy and Geographic Information of the Scientific Committee on Antarctic Research (SCAR). The accuracy of topographic features in relation to the graticule and to the satellite observation stations is approximately 1 mm (less) 1 km on the ground.
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 (IAG), 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.

All geographical names on this map have been approved by the U.S. Advisory Committee on Antarctic Names; this does not necessarily imply their acceptance by all Antarctic Treaty Contracting Parties.

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