

Map used in compilation and analysis:
 U.S. Geological Survey Satellite Image Map
 Ellsworth Mountains, Antarctica, 1973-74 Experimental
 Printing, 1:500,000 scale
 British Antarctic Survey and U.S. Geological Survey
 Satellite Image Map
 Ellsworth Mountains, Antarctica, 1986, 1:250,000 scale
 Institut für Angewandte Geodäsie (IAGG)
 Geographical Map of Fitchner-Ronne-Schellen, Antarctica,
 1987, 1:2,000,000 scale
 U.S. Geological Survey Antarctica 1:250,000
 Joint Topographic Reconnaissance Series
 Liberty Hills, 1967
 Antarctica, 1962
 U.S. Antarctic Service
 Victoria Massif, 1969
 British Antarctic Survey BAS Miscellaneous Series
 Great Antarctic Survey Reports of 20, 21, with South Georgia
 and South Sandwich Islands, 1961, Sheet BAS (Med) 2,
 1:3,000,000 scale
 Antarctic Peninsula and Weddell Sea, 2000, Sheet BAS (Med) R,
 1:3,000,000 scale

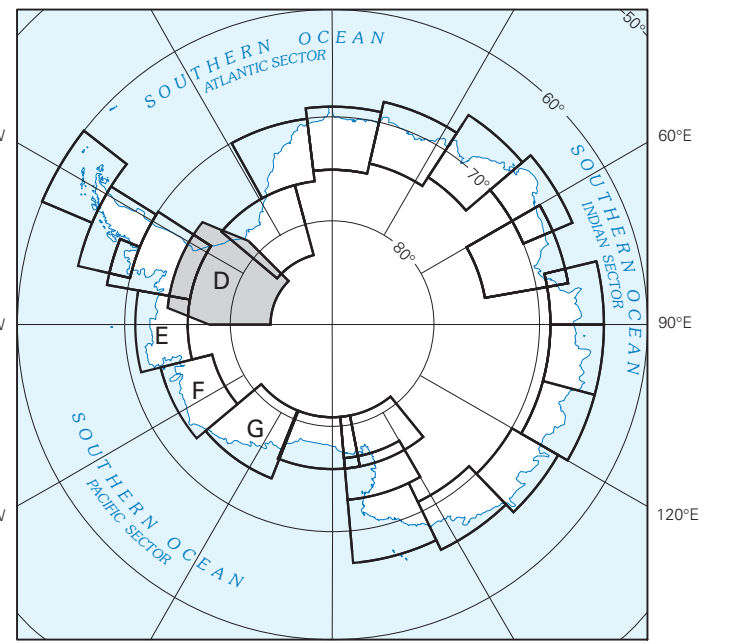
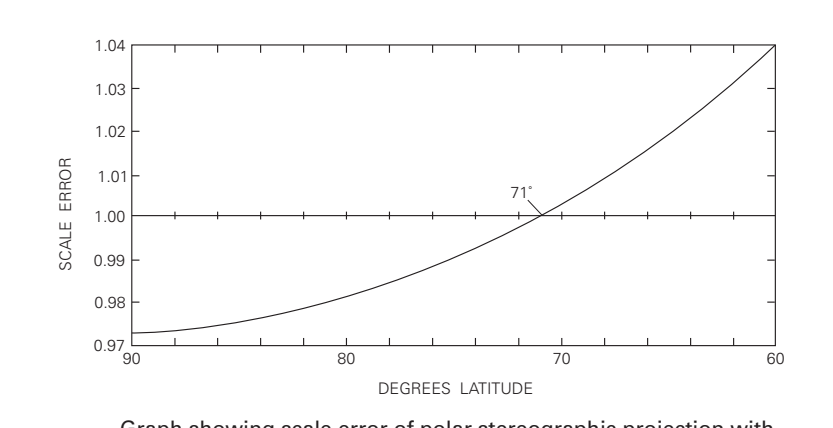
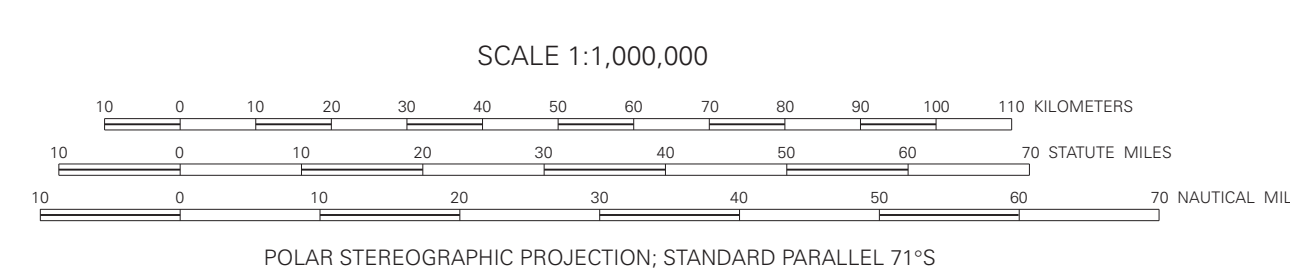
Other information sources:
 RADARSAT Satellite Image Map Mosaic of Antarctica (RADARSAT
 Antarctic Mapping Project (RAMP), Royal Polar Research Center,
 The Ohio State University; see full reference citation in
 accompanying pamphlet)
 Antarctic digital database user's guide and reference manual
 British Antarctic Survey and others, 1993, see full reference
 citation in accompanying pamphlet. This manual accompanies a
 CD-ROM. The Antarctic digital database includes vector and
 digital coastline and other cartographic information of Antarctica.
 Map projection parameters have been used in accordance with the
 recommendations of the Working Group on Geodesy and
 Geophysics Information of the Scientific Committee on Antarctic
 Research (SCAR). The accuracy of topographic features in relation
 to the geographic and to the satellite observation stations is
 approximately 1 mm (equivalent 1 m on the ground).
 Image base from 1987 RADARSAT Image Mosaic of Antarctica
 (1:25-million scale)

INDEX MAP OF SELECTED LANDSAT 1 AND 2 MISS IMAGES
 FROM EARLY 1970s USED FOR FEATURE ANALYSIS

Trackline	Image No.	EOSC Entry No.	Date
180N11	1249-09-02	118611000201800	14 Nov 1973
220N12	1284-12-01	122511000202800	02 Dec 1974
230N16	1588-12-24	125011000104200	17 Jan 1975
230N11	1110-12-03	122011000201200	12 Jan 1975
230N13	1201-12-02	122011000201800	18 Jan 1975

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- EXPLANATION**
- Ice front—Early 2000s MODIS and Landsat imagery; MODIS imagery acquired December 3, 2002
 - Ice front—RADARSAT imagery, acquired between September 9 and October 20, 1997
 - Ice front—Middle 1980s Landsat imagery; date of observation shown. Mostly from the Climatological Map of Ellsworth-Ronne-Schellen, Antarctica (British Antarctic Survey and others, 1983)
 - Ice front—Early 1970s Landsat imagery; date of observation shown. Mostly from the Climatological Map of Ellsworth-Ronne-Schellen, Antarctica (British Antarctic Survey and others, 1983)
 - Ice wall—Date of observation shown
 - Grounding line—Date of observation shown. Mostly from Landsat imagery analyzed by Swithinbank. Grounding lines dated 1960 are from the Climatological Map of Ellsworth-Ronne-Schellen, Antarctica (British Antarctic Survey and others, 1983). Grounding line elements labeled 1971 were obtained from RADARSAT imagery acquired between September 9 and October 20, 1997. Foundation for Ocean Grounding Line defined from Carter and others (1998)
 - Concentric and other—Date of observation shown
 - Ice shelf—Within a grounding line and out to ice wall
 - Ice free—Within a grounding line and out to ice wall
 - Flow line
 - Ridge line on ice
 - Topographic contour, in meters—Modified from ISAMP digital elevation model (Scott Polar Research Center)
 - Normal outline or valley glacier or ice stream
 - Ice velocity contour, in meters per year in 1971—From Vaughan and Jones (1996)



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

Path/Row	Image No.	EOSC Entry No.	Date
180N11	41280-11-01	418111000107800	18 Nov 1987
180N12	41280-12-01	418111000107800	22 Nov 1987
112N12	62250-02-01	618111000201200	28 Feb 1988
180N13	62250-02-01	618111000201200	28 Feb 1988
180N14	62250-02-01	618111000201200	28 Feb 1988
180N15	62250-02-01	618111000201200	28 Feb 1988
180N16	62250-02-01	618111000201200	28 Feb 1988
180N17	62250-02-01	618111000201200	28 Feb 1988
180N18	62250-02-01	618111000201200	28 Feb 1988
180N19	62250-02-01	618111000201200	28 Feb 1988
180N20	62250-02-01	618111000201200	28 Feb 1988
180N21	62250-02-01	618111000201200	28 Feb 1988
180N22	62250-02-01	618111000201200	28 Feb 1988
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180N24	62250-02-01	618111000201200	28 Feb 1988
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180N98	62250-02-01	618111000201200	28 Feb 1988
180N99	62250-02-01	618111000201200	28 Feb 1988
180N00	62250-02-01	618111000201200	28 Feb 1988

COASTAL-CHANGE AND GLACIOLOGICAL MAP OF THE RONNE ICE SHELF AREA, ANTARCTICA: 1974-2002
 By
 Jane G. Ferrigno,¹ Kevin M. Foley,¹ Charles Swithinbank,² Richard S. Williams, Jr.,³ and Lina M. Dallide⁴
 2005

¹U.S. Geological Survey, Reston, VA, 20192
²Scott Polar Research Institute, University of Cambridge, Lensfield Road, Cambridge CB2 1ER, United Kingdom
³U.S. Geological Survey, 284 Woods Hole Road, Woods Hole, MA 02543-1598
⁴U.S. Geological Survey, 284 Woods Hole Road, Woods Hole, MA 02543-1598

