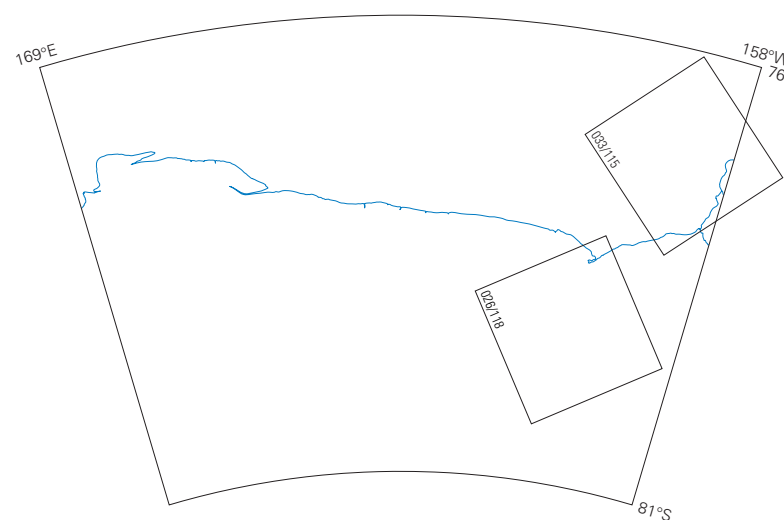


Index map of the planned 23 coastal-change and glaciological maps of Antarctica. The northern Ross Ice Shelf area map is shaded. Maps published to date are indicated by letter and are described in table 1 of the accompanying pamphlet.

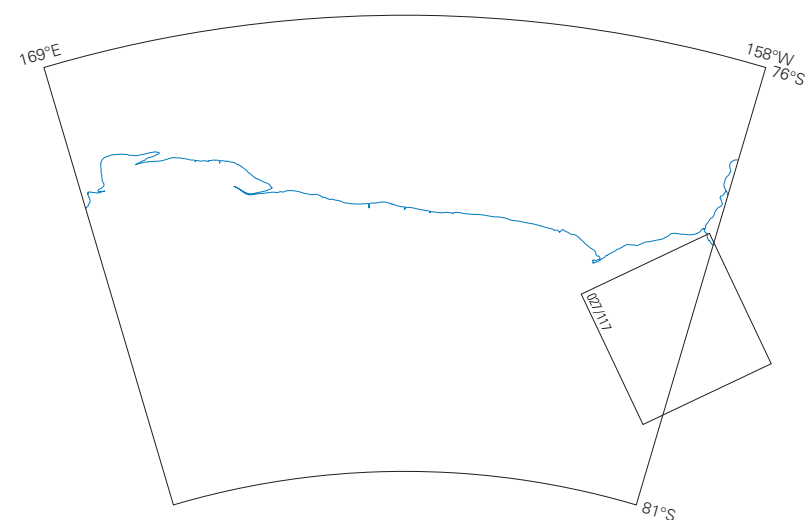
EXPLANATION

-  **Ice front 2004**—DMSF PLS imagery, acquired 2 November 2004
-  **Ice front 2001**—LANDSAT 7 ETM+ imagery, acquired between 6 December and 29 December 2001
-  **Ice front 1997**—RADARSAT imagery, acquired between 9 September and 20 October 1997
-  **Ice front 1970s**—Early 1970s imagery, date of observation shown
-  **Ice front 1971–1975**—Geological Survey map, 1980. Ross Ice Shelf, 1:2,158,600 scale
-  **Ice front 1962**—Defense Mapping Agency Hydrographic Center map, 1966. Ross Sea, 1:1,500,000 scale
-  **Ice wall**—Date of observation shown
-  **Grounding line**—Date of observation shown
-  **Iceberg**—Date of observation shown
-  **List of detachment of icebergs C-16 and C-19 in October 2000 and May 2002, respectively**
-  **Rift**—Date of observation shown
-  **Ice rumple**—Within a grounding line and (or) ice wall
-  **Ice rise**—Within a grounding line and (or) ice wall
-  **Topographic contour, in meters**—Modified from RAMP digital elevation model (Byrd Polar Research Center)
-  **Named outlet glacier**
-  **Ice-velocity contour, in meters per year (m a⁻¹)**—Modified from Antarctic Ice Velocity Data, VELMAP, National Snow and Ice Data Center



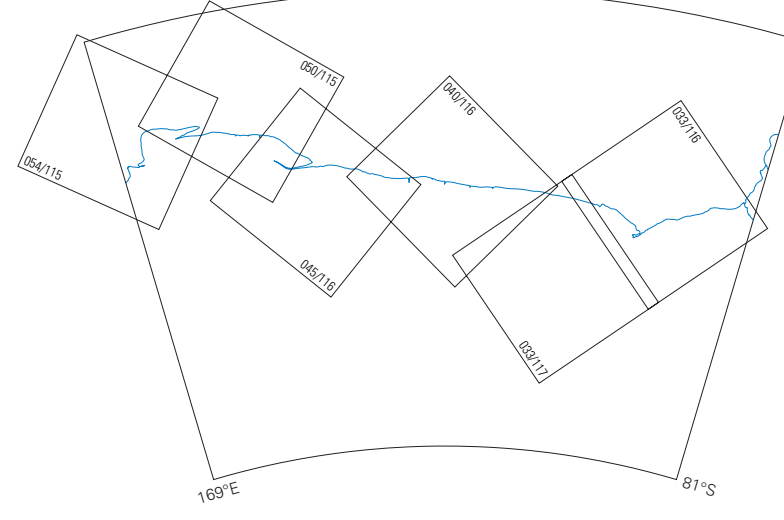
INDEX MAP OF LANDSAT 1 AND 2 MSS IMAGES
FROM EARLY 1970s USED FOR FEATURE ANALYSIS

Path/Row	Entity ID	Date
026/118	2026118007534290	08 Dec 1975
033/115	1033115007233890	13 Dec 1973



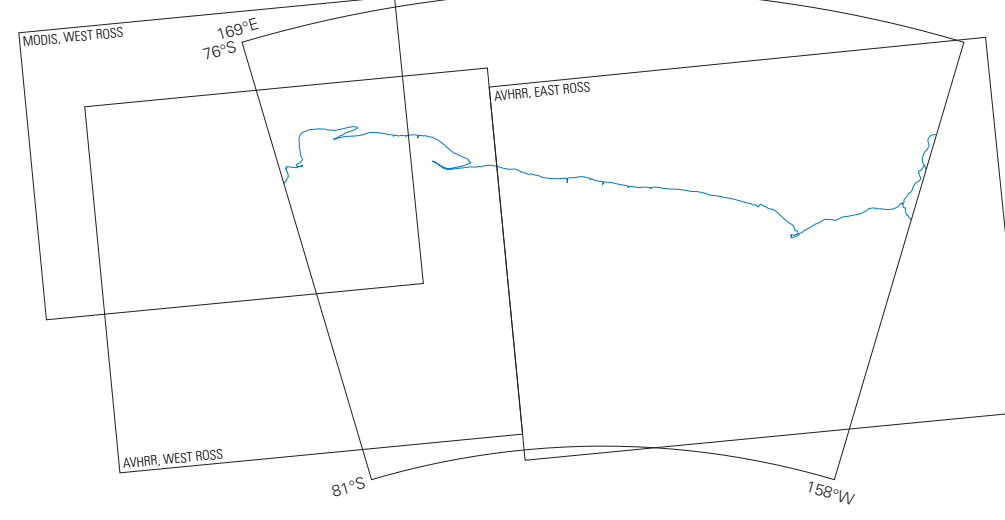
INDEX MAP OF LANDSAT 5 TM IMAGE
FROM 1986 USED FOR FEATURE ANALYSIS

Path/Row	Entity ID	Date
027/117	502711700834510	11 Dec 1986



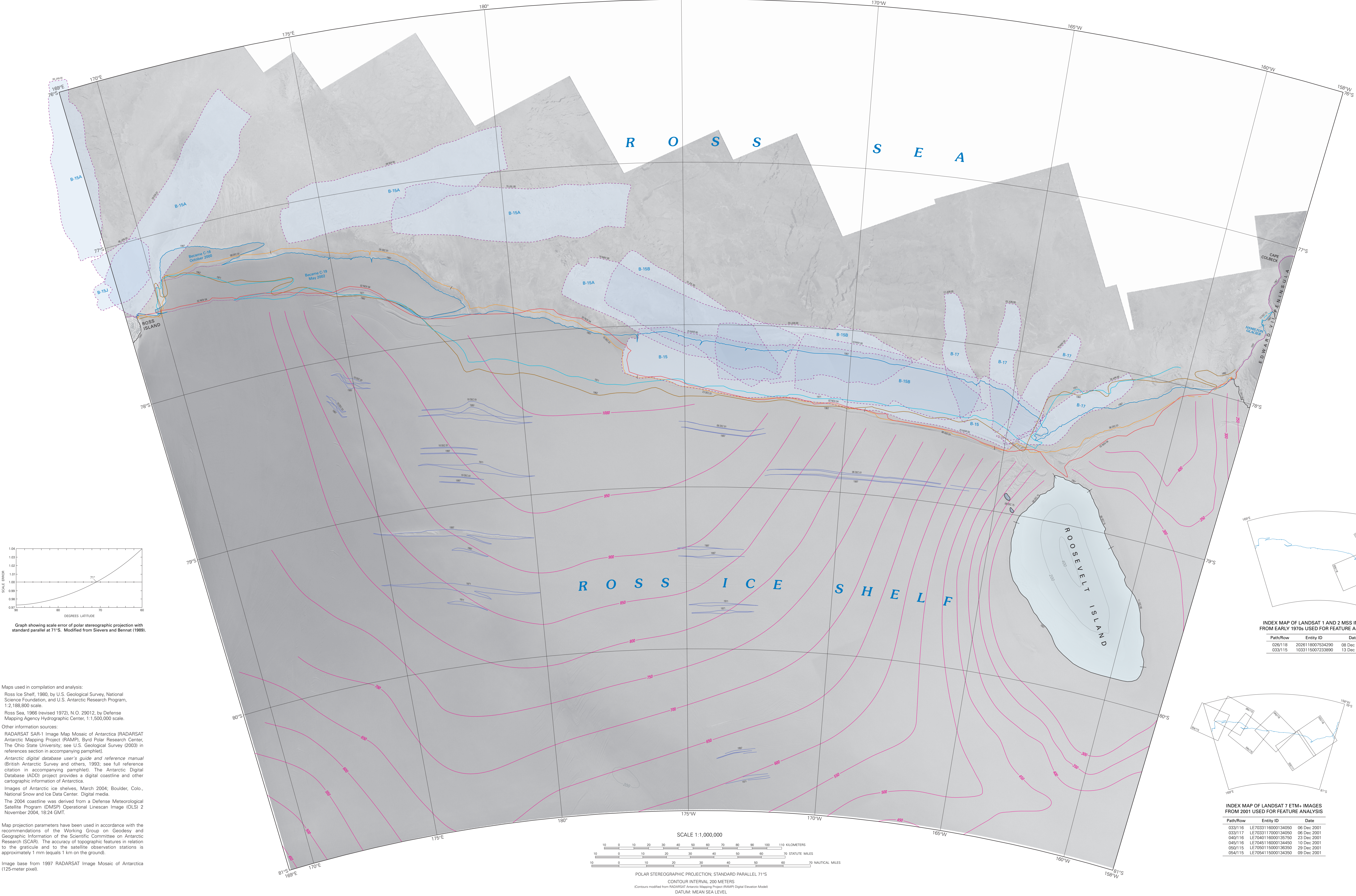
INDEX MAP OF LANDSAT 7 ETM+ IMAGES
FROM 2001 USED FOR FEATURE ANALYSIS

Path/Row	Entity ID	Date
033/116	LE7033116000134050	06 Dec 2001
033/117	LE7033117000134050	06 Dec 2001
040/116	LE7040116000135750	23 Dec 2001
045/116	LE7045116000134450	10 Dec 2001
050/115	LE7050115000136350	29 Dec 2001
054/115	LE7054115000134350	09 Dec 2001



INDEX MAP OF NOAA AVHRR AND MODIS IMAGES USED FOR FEATURE ANALYSIS

Sensor, Location	Image ID	Date
AVHRR, EAST ROSS	ross_e_a15_kc_000025, 1647 temp.jpg	25 Mar 2000
AVHRR, EAST ROSS	ross_e_a15_kc_000426, 1630 temp.jpg	26 Apr 2000
AVHRR, EAST ROSS	ross_e_a15_kc_000518, 1637 temp.jpg	18 May 2000
AVHRR, EAST ROSS	ross_e_a15_kc_000603, 1704 temp.jpg	03 Jun 2000
AVHRR, EAST ROSS	ross_e_a15_kc_000617, 1718 temp.jpg	17 Jun 2000
AVHRR, EAST ROSS	ross_e_a15_kc_000716, 1650 temp.jpg	15 Sep 2000
AVHRR, WEST ROSS	ross_w_a12_kc_000921, 1550 temp.jpg	21 Sep 2000
AVHRR, WEST ROSS	ross_w_a12_kc_010228, 1635 temp.jpg	28 Feb 2001
AVHRR, WEST ROSS	ross_w_a14_kc_010804, 1429 temp.jpg	04 Aug 2001
MODIS, WEST ROSS	rossw_2004034_1645, modis_ch02.png	03 Feb 2004



By
Jane G. Ferrigno,¹ Kevin M. Foley,¹ Charles Swithinbank,² and Richard S. Williams, Jr.