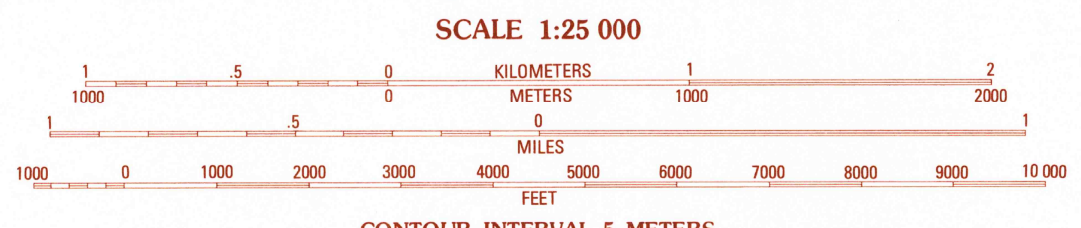




PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY ..... USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN ..... 1974  
FIELD CHECKED ..... 1978. MAP EDITED ..... 1982  
PROJECTION ..... LAMBERT CONFORMAL CONIC  
GRID: 1000-METER UNIVERSAL TRANSVERSE MERCATOR ..... ZONE 13  
10,000-FOOT STATE GRID TICKS ..... SOUTH DAKOTA, SOUTH ZONE  
UTM GRID DECLINATION ..... 1129° EAST  
1982 MAGNETIC NORTH DECLINATION ..... 1130° EAST  
VERTICAL DATUM ..... NATIONAL GEODETIC VERTICAL DATUM OF 1929  
HORIZONTAL DATUM ..... 1927 NORTH AMERICAN DATUM  
To place on the predicted North American Datum of 1983  
move the projection lines as shown by dashed corner ticks  
(6 meters north and 41 meters east)  
There may be private inholdings within the boundaries of any  
Federal and State reservations shown on this map

**PROVISIONAL MAP**  
Produced from original  
manuscript drawings. Infor-  
mation shown as of date of  
field check. 3



CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER  
OTHER ELEVATIONS SHOWN TO THE NEAREST METER  
To convert meters to feet multiply by 3.2808  
To convert feet to meters multiply by .3048

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS  
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225  
OR RESTON, VIRGINIA 22092

SOUTH DAKOTA  
QUADRANGLE LOCATION

1	2	3	1 Smithwick NW
			2 Smithwick NE
4		5	3 Willow Creek NW
			4 Smithwick E
			5 Willow Creek SW
6	7	8	6 Oelrichs
			7 Oelrichs NE
			8 Slim Butte NW

ADJOINING 7.5' QUADRANGLE NAMES  
CONTOURS AND ELEVATIONS  
IN METERS

HAY CANYON BUTTE, S. DAK.  
PROVISIONAL EDITION 1982

43103-C1-TM-025

RETURN TO:  
USGS AND HISTORICAL MAP ARCHIVES

MAR 25 1983

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