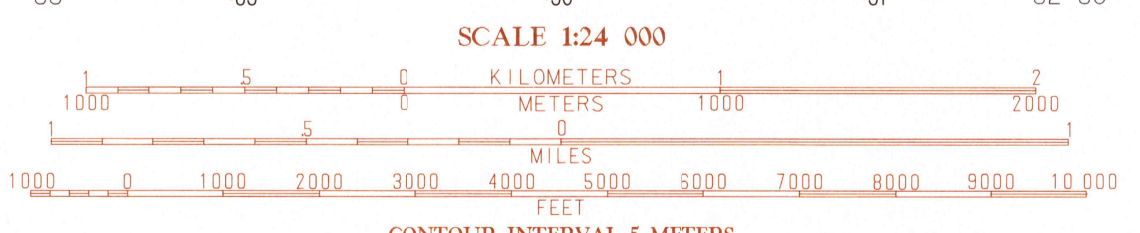


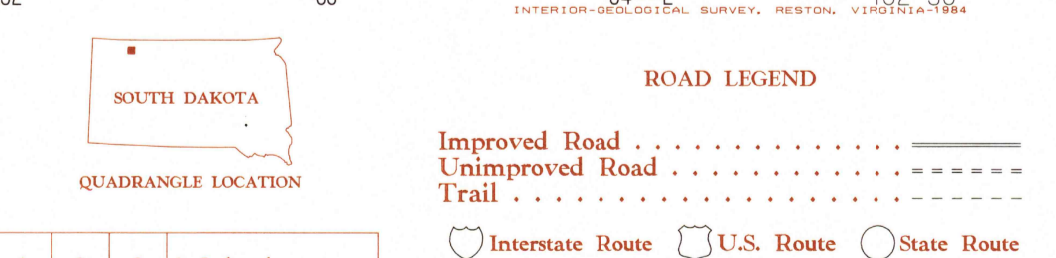


PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY  
CONTROL BY . . . . . USGS AND NOS/NOAA  
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN . . . . . 1978  
FIELD CHECKED . . . . . 1980 MAP EDITED . . . . . 1983  
PROJECTION . . . . . UNIVERSAL TRANSVERSE MERCATOR  
GRID . . . . . 1000-METER UNIVERSAL TRANSVERSE MERCATOR  
13-KILOMETER STATE GRID TICKS . . . . . SOUTH DAKOTA, NORTH ZONE  
UTM GRID DECLINATION . . . . . 1°45' EAST  
1983 MAGNETIC NORTH DECLINATION . . . . . 11°30' 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  
(5 meters north and 38 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.



SCALE 1:24 000  
KILOMETERS 0 1 2  
METERS 0 1000 2000  
FEET 0 1000 2000 3000 4000 5000 6000 7000 8000 9000 10000  
CONTOUR INTERVAL 5 METERS  
CONTROL AND FIELD ESTABLISHED 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 0.3048



1	2	3	1	Lodgepole
2	3	4	2	Lodgepole SE
3	4	5	3	Haynes SW
4	5	6	4	Little Nasty Creek
5	6	7	5	Bison NW
6	7	8	6	Grandmas Butte
7	8	9	7	Square Top Butte
8	9	10	8	Bison

COLE DAM, SOUTH DAKOTA  
PROVISIONAL EDITION 1983  
45102-15-TM-024

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