



PRODUCED BY THE UNITED STATES GEOLOGICAL SURVEY
CONTROL BY: USGS AND NOS/NOAA
COMPILED FROM AERIAL PHOTOGRAPHS TAKEN: 1980
FIELD CHECKED: 1981. MAP EDITED: 1984
PROJECTION: TRANSVERSE MERCATOR
GRID: INDIAN-UTTER UNIVERSAL TRANSVERSE MERCATOR ZONE 13
10000-FOOT STATE GRID TICS: SOUTH DAKOTA, NORTH ZONE
UTM GRID DECLINATION: 0° 45' EAST
1984 MAGNETIC NORTH DECLINATION: 12° 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
(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.

SCALE 1:24 000
CONTOUR INTERVAL 20 FEET
SUPPLEMENTARY CONTOUR INTERVAL 10 FEET
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 FOOT
OTHER ELEVATIONS SHOWN TO THE NEAREST FOOT
To convert feet to meters multiply by 0.3048
To convert meters to feet multiply by 3.2808
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

QUADRANGLE LOCATION		
1	2	3
4	5	6
7	8	9
ADJOINING 7.5' QUADRANGLE NAMES		

1	Middle Creek Butte
2	Bull Creek Butte
3	Mud Butte
4	Slaughter Reservoir
5	Belle Fourche
6	Beulah
7	Chicken Creek
8	Jolly

ROAD LEGEND
Improved Road
Unimproved Road
Trail
Interstate Route U.S. Route State Route
SOURDOUGH FLATS, S. DAK.
PROVISIONAL EDITION 1984
44103-P8-TF-024