



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
UTM GRID DECLINATION SOUTH DAKOTA, NORTH ZONE
10000-FOOT STATE GRID TICKS 11700 EAST
1983 MAGNETIC NORTH DECLINATION 2°06' 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 37 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. 2

SCALE 1:24 000
1 000 0 1 000 2 000
KILOMETERS
1 000 0 1 000 2 000 3 000 4 000 5 000 6 000 7 000 8 000 9 000 10 000
MILES
FOOT
CONTOUR INTERVAL 5 METERS
SUPPLEMENTAL CONTOUR INTERVAL 2.5 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 .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 Lemmon 2 Lemmon NE
			3 Thunder Hawk 4 Sommerville Hawk SW
4		5	5 Thunder Hawk SW 6 Meadow NW
			7 Meadow NE 8 Black Horse Butte NW
6	7	8	

ADJOINING 7.5' QUADRANGLE NAMES
CONTOURS AND ELEVATIONS
IN METERS