

JUL 1 2 1991 **REC'D FILE GOPI** 

## 43098-A1-TM-250 Mitchell **SOUTH DAKOTA** 1:250 000-scale metric topographic map 1 X 2 DEGREE QUADRANGLE SHOWING • Contours and elevations in meters • Highways, roads and other manmade structures Water features Woodland areas • Geographic names GEOLOGICAL SURVEY 1990 Produced by the United States Geological Survey Compiled from USGS 1:100 000-scale maps dated 1986 Map edited 1990. Supersedes map dated 1974 North American Datum of 1983 (NAD 83). Projection and 10 000-meter grid: Universal Transverse Mercator, zone 14, 25 000-meter grid ticks: South Dakota Coordinate System of 1983 (south zone)

The difference between NAD 83 and North American Datum of 1927 (NAD 27) for 7.5 minute intersections is given in USGS Bulletin 1875

There may be private inholdings within the boundaries of the National or State reservations shown on this map Areas covered by dashed light-blue pattern are subject to controlled inundation

1990 MAGNETIC DECLINATION FROM TRUE NORTH VARIES FROM  $8^{1}\!\!/_{2^{\circ}}$  (151 MILS) EASTERLY FOR THE CENTER OF THE WEST EDGE TO 7° (133 MILS) EASTERLY FOR THE CENTER OF THE EAST EDGE. MEAN ANNUAL CHANGE IS 7.4' WESTERLY

**CONTOUR INTERVAL 20 METERS** NATIONAL GEODETIC VERTICAL DATUM OF 1929 ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE				ADJOINING MAPS		
Meters	Feet 3.2808	Feet	Meters .3048	1	2	3
2 3 4 5 6	6.5617 9.8425 13.1234 16.4042	9.8425 3 .9144 3.1234 4 1.2192	1.2192	4		5
6 7 8 9	19.6850 22.9659 26.2467 29.5276	6 7 8 9	1.8288 2.1336 2.4384 2.7432	6	7	8
To convert meters to feet multiply by 3.2808 To convert feet to meters multiply by 0.3048		1 Pierre 2 Huron 3 Watertown 4 Martin 5 Sioux Falls 6 Valentine 7 O'Neill 8 Sioux City				

FOR SALE BY U.S. GEOLOGICAL SURVEY DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092

## **Topographic Map Symbols**

Dual highway; interchange
Primary highway, hard surface
Secondary highway, hard surface
Light duty road, hard or improved surface
Other road; trail
Route marker: Interstate; U. S.; State
Bridge; overpass; underpass
Tunnel: road; railroad
Railroad: standard gauge; single, multiple track
Railroad: narrow gauge; single, multiple track
Built-up area; locality; elevation
Airport: runway pattern known; unknown
National boundary
State boundary
County boundary
National or State reservation boundary
Land grant boundary
U.S. public lands survey: range, township (surveyed)
U.S. public lands survey: range, township (protracted)
Powerline; pipeline: aboveground, underground
Dam; landmark feature; landmark building
Well: water, other; spring; tank • • • •
Cave; mine, quarry; oil platform
Landmark area; landmark racetrack
Distorted surface: strip mine, lava; sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; primary
Bathymetric contours: intermediate; supplementary
Stream, lake: perennial; intermittent
Rapids, large and small; falls, large and small
Land subject to controlled inundation; marsh, swamp
Woodland; orchard, vineyard
Mangrove

Figures in red denote approximate distances in kilometers between markers A pamphlet describing topographic maps is available on request