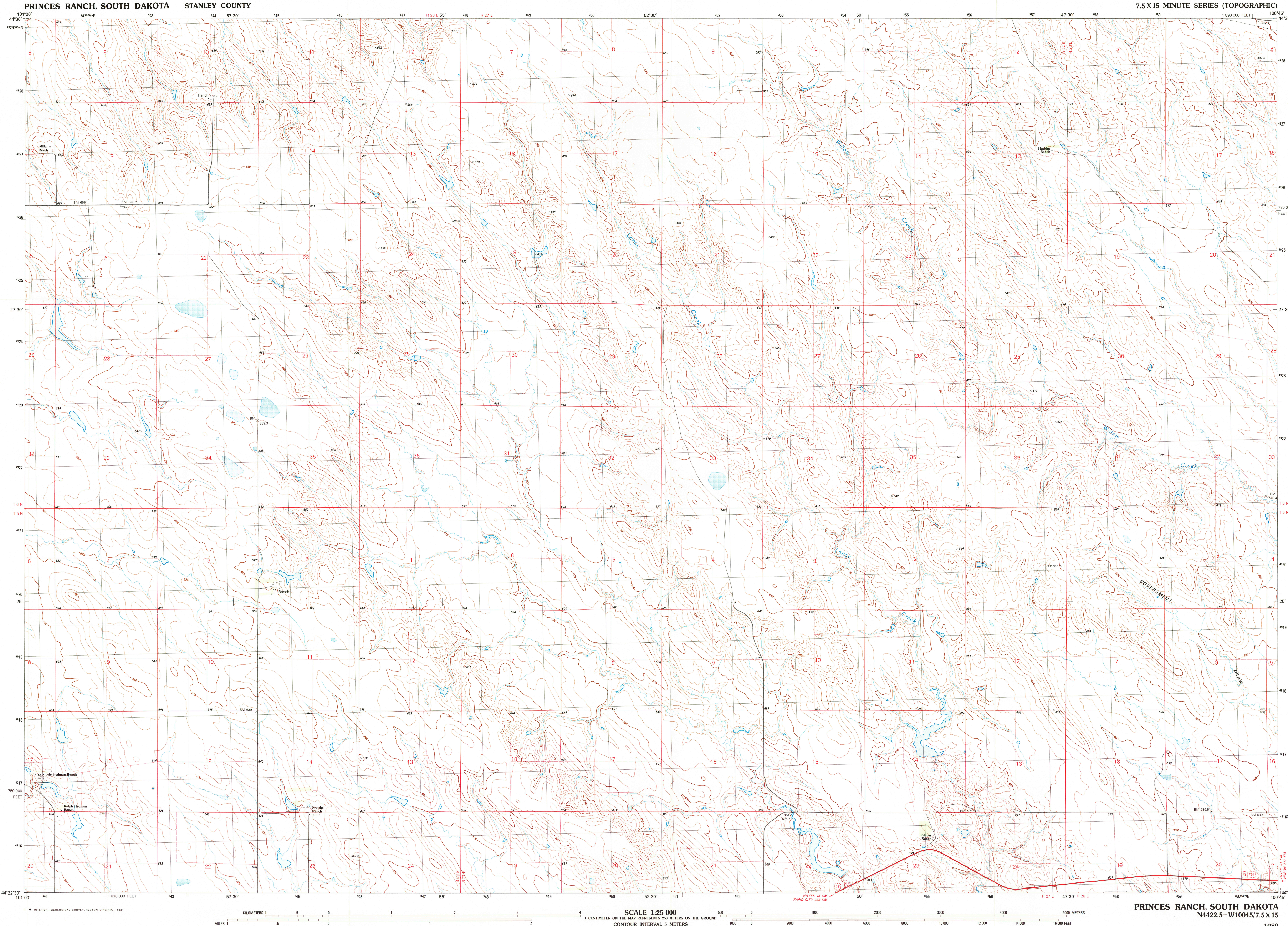




1:25 000-scale metric topographic map of

Princes Ranch

SOUTH DAKOTA

7.5 X 15 MINUTE QUADRANGLE SHOWING

- Contours and elevations in meters
- Highways, roads and other manmade structures
- Water features
- Woodland areas
- Geographic names

USGS Historical File National Map

MAY 5 1981

GEOLOGICAL SURVEY

1980

Produced by the United States Geological Survey
Control by USGS and NOS/NOAA
Compiled by digital-photogrammetric methods from aerial photographs taken 1974. Field checked 1977
Map edited 1980
Projection and 1000-meter grid, zone 14, Universal Transverse Mercator
10,000-foot grid ticks based on South Dakota coordinate system, south zone, 1927 North American Datum
To place on the predicted North American Datum 1983 move the projection lines 6 meters north and 36 meters east as shown by dashed corner ticks

CONTOUR INTERVAL: 5 METERS
NATIONAL GEODETIC VERTICAL DATUM OF 1929
CONTROL ELEVATIONS SHOWN TO THE NEAREST 0.1 METER
OTHER ELEVATIONS SHOWN TO THE NEAREST METER

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS
Meters	Feet		1 2 3
1	3.2808		4 5
2	6.5617		6 7 8
3	9.8425		
4	13.1234		
5	16.4043		
6	19.6852		
7	22.9661		
8	26.2470		
9	29.5279		
10	32.8084		

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

UTM grid convergence (GN) and 1980 magnetic declination (MN) Diagram is approximate

1 Sensor
2 Standing Butte
3 Iron Post Butte SW
4 Wapound Creek
5 Lucy (T.S.)
6 Haven
7 Dolly Ridge
8 Ocho SW (T.S.)

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

Topographic Map Symbols

Primary highway, hard surface
Secondary highway, hard surface
Light-duty road, hard or improved surface
Unimproved road; trail
Route marker: Interstate; U. S.; State
Railroad: standard gage; narrow gage
Bridge; drawbridge
Footbridge; overpass; underpass
Built-up area: only selected landmark buildings shown
House; barn; church; school; large structure
Boundary
National, with monument
State
County, parish
Civil township; precinct; district
Incorporated city, village, town
National or State reservation; small park
Land grant with monument; found section corner
U. S. public lands survey: range, township; section
Range, township; section line; location approximately
Fence or field line
Power transmission line, located tower
Dam; dam with lock
Canterbury; grave
Campground; picnic area; U. S. location monument
Windmill; water well; spring
Mine shaft; prospect; adit or cave
Control: horizontal station; vertical station; spot elevation
Contours: index; intermediate; supplementary; depression
Distorted surface: strip mine, lava, sand
Bathymetric contours: index; intermediate
Perennial lake and stream; intermittent lake and stream
Rapids, large and small; falls, large and small
Swamp; marsh
Submerged marsh; land subject to controlled inundation
Woodland; scattered trees
Scrub; mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request