



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



1979

Produced by the United States Geological Survey
in cooperation with the Bureau of Land Management

Compiled from USGS 1:24,000 and 1:62,500 scale
topographic maps dated 1957-1979. Map edited 1979

Planimetry reviewed from aerial photographs taken 1975 and
other source data. Aerial information not field checked

Projection and 10 000-meter grid, zone 13,
Universal Transverse Mercator

25 000-foot grid ticks based on Wyoming coordinate
system, east zone and South Dakota coordinate system,
north and south zones

1967 North American Datum

To place on the predicted North American Datum 1983
move the projection lines 6 meters north and
44 meters east

There may be private inholdings within the boundaries of
the National or State reservations shown on this map

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

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U.S. GEOLOGICAL SURVEY,
P.O. BOX 25286, DENVER, COLORADO, 80225

CONVERSION TABLE

Conversion	Feet
1	3,280.8
2	6,561.7
3	9,842.5
4	13,123.4
5	16,404.2
6	19,685.0
7	22,965.9
8	26,246.7
9	29,527.6
10	32,808.4

To convert meters to feet
multiply by 3.2808

To convert feet to meters
multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence
(GN) and 1979 magnetic
declination (Mγ)
at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	6
7	8	9

- 1 Recluse
- 2 DeLisle Tower 3
- 3 Gillette
- 4 Rapid City
- 5 Kern Junction
- 7 Newcastle
- 8 Mount Rushmore

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HISTORICAL MAP ARCHIVES

Topographic Map Symbols

Primary highway, hard surface.
Secondary highway, hard surface.
Light duty road, principal street, hard or improved surface.
Other road or street; trail.
Route marker: Interstate, U.S. State
Road: standard; open; narrow gauge
Bridge; overpass; underpass
Tunnel; road; railroad
Built up area, locality; elevation
Airport; landing field; landing strip.
National boundary.
State boundary.
County boundary.
National or State reservation boundary.
Land grant boundary.
U.S. public lands survey: range, township; section
Range, township, section line: protected.
Power transmission line; pipeline
Dam; dam with lock
Cemetery; building
Windmill; water wheel; spring
Mine shaft; salt or cave; mine, quarry, gravel pit
Campground; picnic area; U.S. location marker
Ruins; cliff dwelling
Dissected surface: strip mine, lava sand
Contours: index; intermediate; supplementary
Bathymetric contours: index; intermediate
Stream, lake; perennial; intermittent
Rapid, large and small; falls, large and small
Area to be saltmargined; marsh, swamp
Land subject to controlled inundation; woodland
Sedge, mangrove
Orchard; vineyard

A pamphlet describing topographic maps is available on request.

