



1:25 000-scale metric topographic map of Zeona 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



1980

Produced by the United States Geological Survey in cooperation with State of South Dakota agencies

Control by USGS and NOS/NOAA

Compiled by photogrammetric methods from aerial photographs taken 1977. Field checked 1978. Map edited 1980.

Projection and 1000-meter grid, zone 13, Universal Transverse Mercator.

10,000-foot grid ticks based on South Dakota coordinate system, north zone. 1927 North American Datum. To place on the predicted North American Datum 1983 remove the projection lines 5 meters north and 39 meters east as shown by dashed corner ticks.

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	16.4042	
6	19.6850	
7	22.9659	
8	26.2467	
9	29.5275	
10	32.8084	
To convert meters to feet multiply by 3.2808		
To convert feet to meters multiply by 0.3048		
UTM grid convergence (CM) and 180 magnetic declination (MM) at center of map. Diagram is approximate.		
1 Sheep Mtn (7.5)		
2		
3 Fish Draw (7.5)		
4 Tongue (7.5)		
5 Tommie Can Run (7.5)		
6 Beverly Creek (7.5)		
7 Cedar Canyon (7.5)		

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Topographic Map Symbols

- Primary highway, hard surface
- Secondary highway, hard surface
- Light-duty road, hard or improved surface
- Unimproved road, trail
- Road marker: Interstate, U. S., State
- Railroad: standard gage; narrow gage
- Bridge: drawbridge
- Footbridge; overpass; underpass
- Build-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 approximate
  - Fence or field line
  - Power transmission line, located tower
  - Dam; dam with lock
  - Cemetery: grave
  - Campground; picnic area; U. S. location monument
  - Windmill; water well; spring
  - Mine shaft; prospect; adit or cave
  - Control: benchmark station; vertical station; spot elevation
  - Contour: index; intermediate; supplementary; depression
  - Distorted surface: strip mine, lava; sand
  - Bathymetric contours: index; intermediate
  - Parental lake and stream; intermittent lake and stream
  - Shrub; large and small; hills, large and small
  - Swamp; marsh
  - Submerged marsh: land subject to controlled inundation
  - Woodland; scattered trees
  - Orchard; vineyard

A pamphlet describing topographic maps is available on request