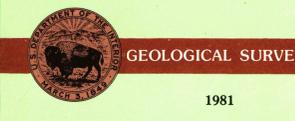


1:25 000-scale metric topographic map of Phantom Lake SOUTH DAKOTA



- 7.5 X 15 MINUTE QUADRANGLE SHOWING
- Contours and elevations in meters
 - Highways, roads and other manmade structures
 - Water features
 - Woodland areas
 - Geographic names



Produced by the United States Geological Survey
 Control by USGS and NOS/NOAA
 Compiled by photogrammetric methods from aerial photographs taken 1974. Field checked 1975
 Map edited 1981
 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 38 meters east as shown by dashed corner ticks
 There may be private inholdings within the boundaries of the National or State reservations shown on this map

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	Foot	GN		1	2	3
1	3.2808	1987		4	5	6
2	6.5617	1977		7	8	9
3	9.8425	1967		10	11	12
4	13.1234	1957		13	14	15
5	16.4042	1947		16	17	18
6	19.6850	1937		19	20	21
7	22.9659	1927		22	23	24
8	26.2467	1917		25	26	27
9	29.5275	1907		28	29	30
10	32.8084	1897		31	32	33

To convert meters to feet multiply by 3.2808
 To convert feet to meters multiply by 0.3048
 UTM grid convergence (GN) and 1983 magnetic declination (MN)
 Diagram is approximate

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 gauge, narrow gauge
- 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 appropriate
- Fence or field line
- Power transmission line, located tower
- Dam; dam with lock
- Canal; gravity
- Compartiment, picnic area; U.S. location monument
- Windmill; water well; spring
- Mine shaft; prospect; adit or cave
- Control: horizontal station; vertical station; spot elevation
- Contour: index; intermediate; supplementary; depression
- Distorted surface: strip mine, levee, sand
- Bathymetric contours: index; intermediate
- Perennial lake and stream, intermittent lake and stream
- Swamp, marsh
- Submerged marsh; land subject to controlled inundation
- Woodland; scattered trees
- Scale: meadow
- Orchard; vineyard

A pamphlet describing topographic maps is available on request

