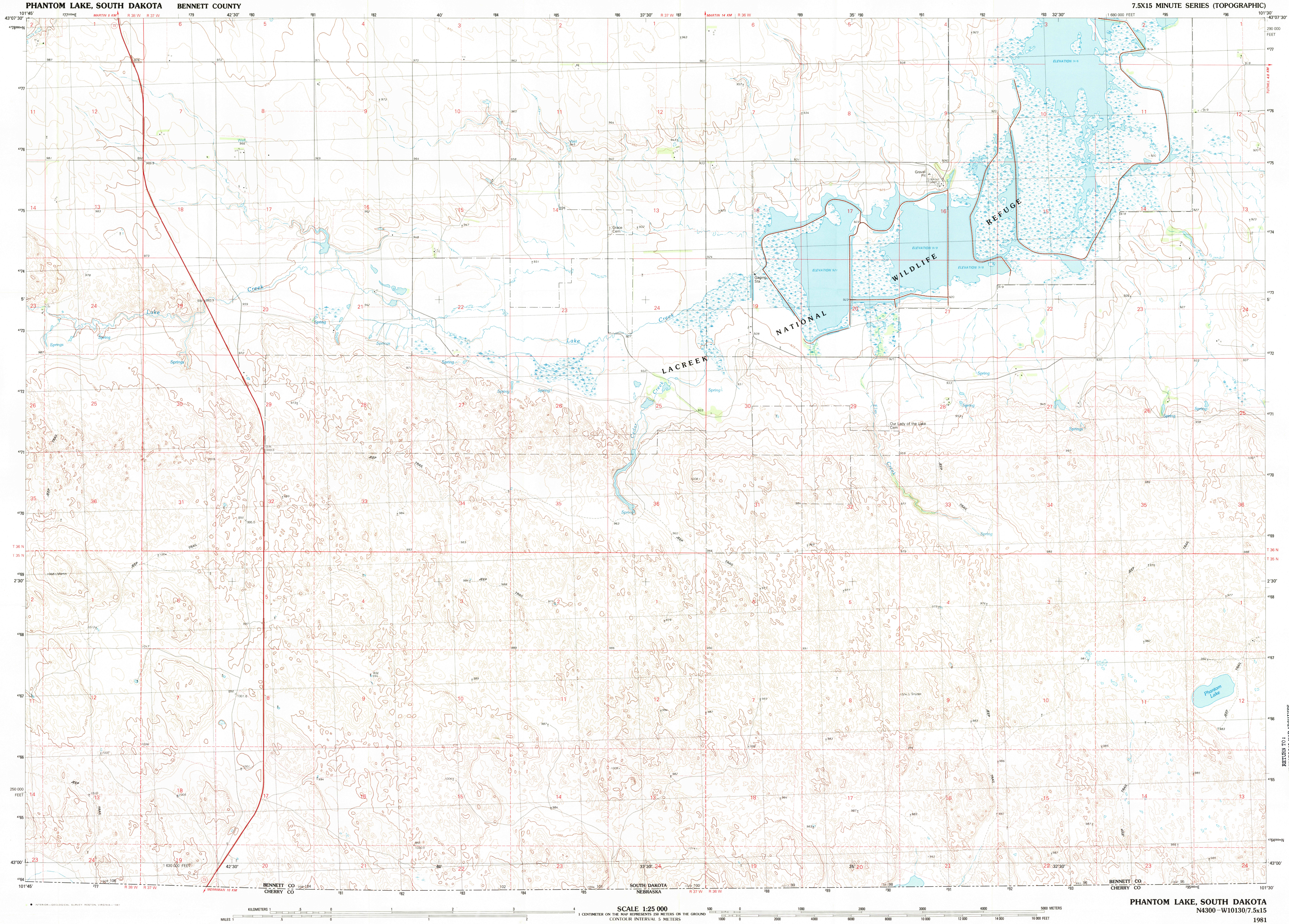
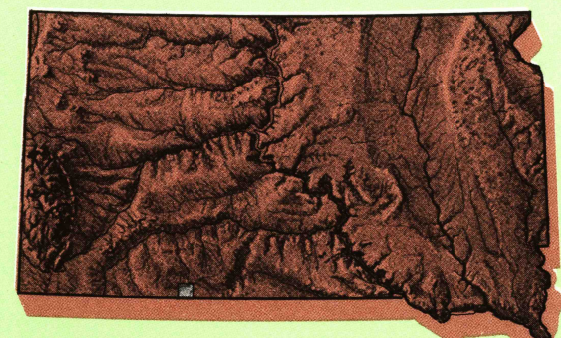




1:25 000-scale metric topographic map of

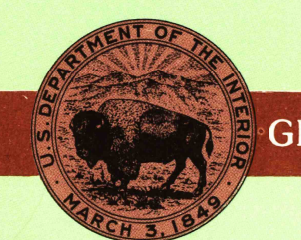
Phantom Lake

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



GEOLOGICAL SURVEY

1981

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	Feet		1	2	3
1	3.2808		4	5	6
2	6.5617		7	8	9
3	9.8425		10	11	12
4	13.1234		13	14	15
5	16.4042		16	17	18
6	19.6850		19	20	21
7	22.9658		22	23	24
8	26.2467		25	26	27
9	29.5275		28	29	30
10	32.8084		31	32	33
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map Diagram is approximate	1 Sweet	2 Martin	3 Fathall
To convert feet to meters multiply by 0.3048			4 Scottsbluff Lake	5 Scottsbluff Lake	6 Twin
			7 Merriman	8 Merriman	9 Merriman

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 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 wall; spring	.....	.....
Mine shaft; prospect; adit or cave	.....	.....
Control: horizontal station; vertical station; approximation	.....	.....
Contours: index; intermediate; supplementary; depression	.....	.....
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	.....	.....
Scale: mangrove	.....	.....
Orchard; vineyard	.....	.....

A pamphlet describing topographic maps is available on request