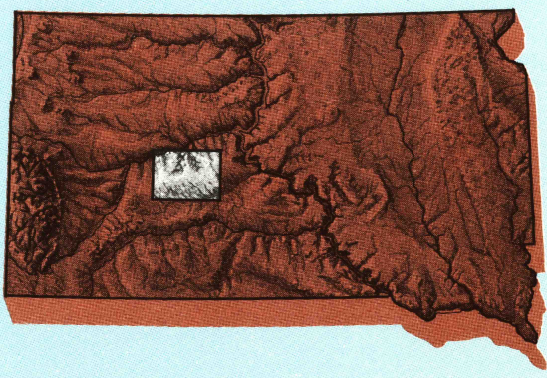


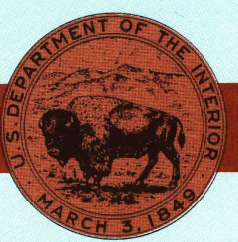
Philip
SOUTH DAKOTA

1:100 000-scale
planimetric map



30 X 60 MINUTE QUADRANGLE
SHOWING

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



GEOLOGICAL SURVEY

1984

Produced by the United States Geological Survey
Compiled from USGS 1:24 000 and 1:62 500-scale topographic maps dated 1954-1983. Planimetry revised from aerial photographs taken 1976, 1982 and other source data. Revised information not field checked. Map edited 1984.
Projection and 10 000-meter grid, zone 14, Universal Transverse Mercator
25 000-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 37 meters east
There may be private inholdings within the boundaries of the National or State reservations shown on this map

NATIONAL GEODETIC VERTICAL DATUM OF 1929
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						
3	9.8425						
4	13.1234						
5	16.4042						
6	19.6850						
7	22.9659						
8	26.2467						
9	29.5276						
10	32.8084						
To convert meters to feet multiply by 3.2808		UTM grid convergence (GN) and local magnetic declination (MN) at center of map. Diagram is approximate	1	2	3		
To convert feet to meters multiply by 0.3048			4	5	6		
			7	8			

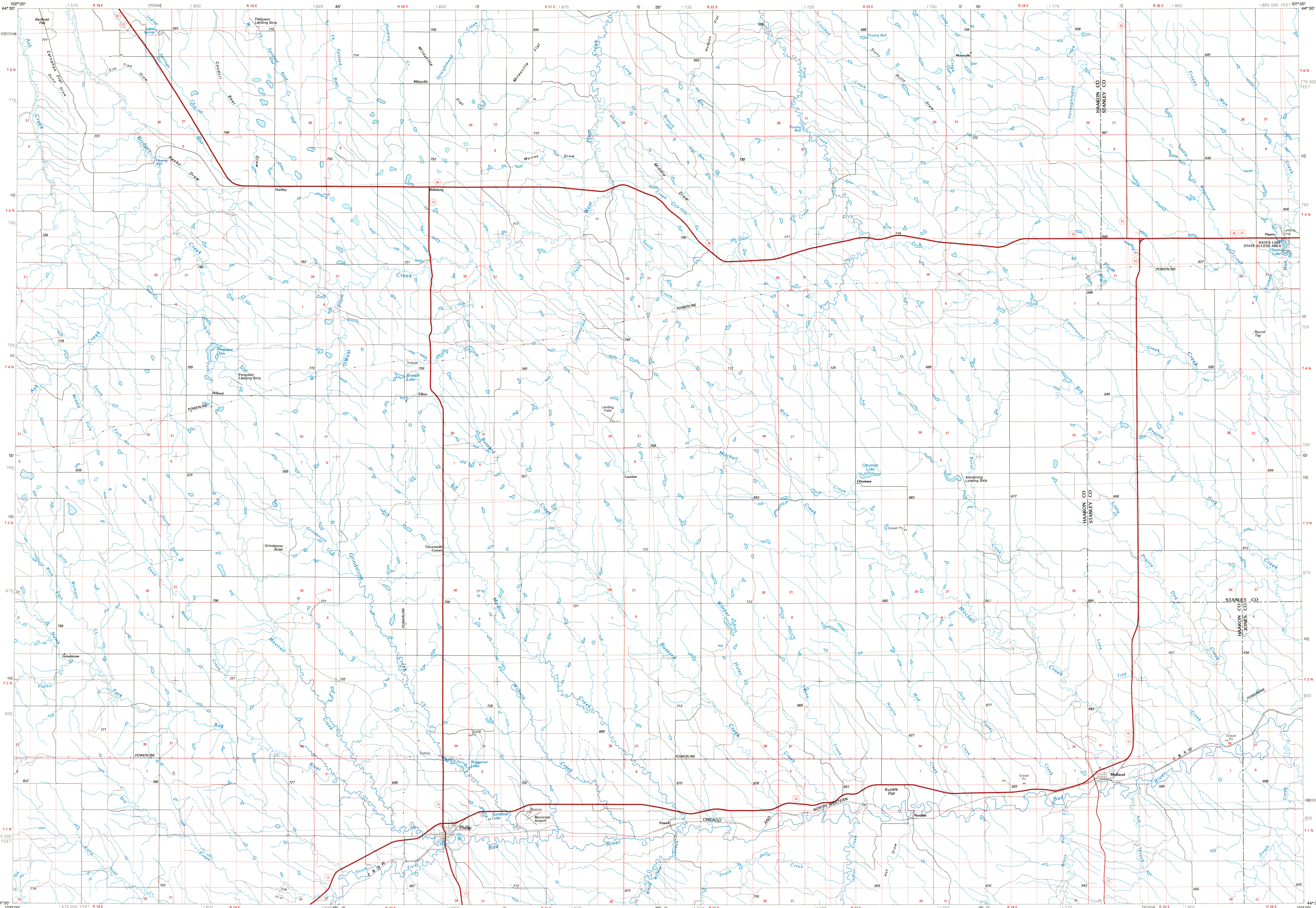
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER, COLORADO 80225
OR RESTON, VIRGINIA 22090

Topographic Map Symbols

Primary highway, hard surface	
Secondary highway, hard surface	
Light duty road, principal street, hard or improved surface	
Other road or street, track	
Road marker: Interstate, U.S. State	
Railroad: standard gage, narrow gage	
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, projected	
Power transmission line, pipeline	
Dam, dam with lock	
Cemetery, building	
Windmill, water well, spring	
Mine shaft, adit or cave, mine, quarry, gravel pit	
Campground, picnic area, U.S. location monument	
Ruins, cliff dwelling	
Distorted surface: strip mine, lava, sand	
Contours: index, intermediate, supplementary	
Bathymetric contours: index, intermediate	
Stream, lake, perennial, intermittent	
Rapids, large and small; falls, large and small	
Area to be submerged; marsh, swamp	
Land subject to controlled inundation; woodland	
Scrub, mangrove	
Graders, viewpoint	

A pamphlet describing topographic maps is available on request

PHILIP, SOUTH DAKOTA



• INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1984

KILOMETERS 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
MILES 1 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20
SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
1:100 000
0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000
METERS
0 10000 20000 30000 40000 50000 60000 70000
FEET

PHILIP, SOUTH DAKOTA
44101-A1-PL-100

1984