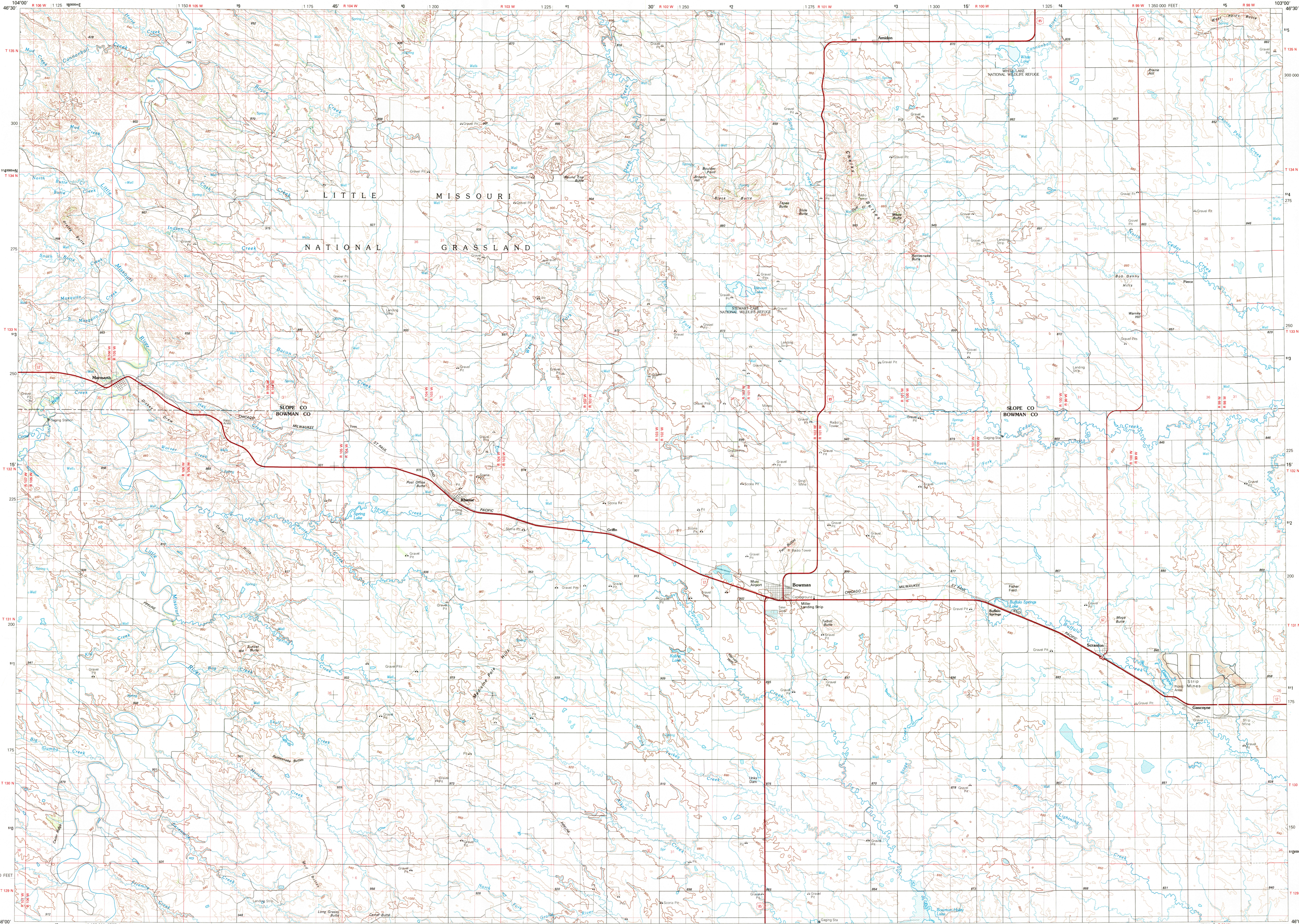


BOWMAN, NORTH DAKOTA



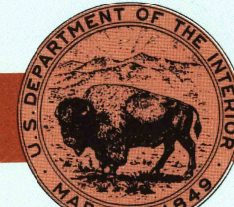
30 X 60 MINUTE SERIES (TOPOGRAPHIC)

1:100 000-scale metric
topographic map of
Bowman
NORTH DAKOTA



30 X 60 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 in cooperation with the Soil Conservation Service

Compiled from USGS 1:24 000-scale topographic maps dated 1968-1980. Planimetry revised from aerial photographs taken 1978 and other source data. Revised information not field checked. Map edited 1981.

Projection and 10 000-meter grid, zone 13, Universal Transverse Mercator
25 000-foot grid ticks based on North Dakota coordinate system, south zone
1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 4 meters north and 38 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

CONVERSION TABLE		DECLINATION DIAGRAM	ADJOINING MAPS		
Meters	Feet		1	2	3
1	3.2808		1	2	3
2	6.5617		4	5	
3	9.8425				
4	13.1234		6	7	8
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		UTM grid convergence (GN) and 1981 magnetic declination (MN) at center of map	1 Wilham	2 Bullfield	3 Dickinson
To convert feet to meters multiply by 0.3048		Diagram is approximate	4 Baker	5 Moor	6 Ekalaka
			7 Camp Crook	8 Lemmon	

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, principal street, hard or improved surface.....	
Other road or street, wall.....	
Route 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.....	
County boundary.....	
National or State reservation boundary.....	
Land grant boundary.....	
U.S. public lands survey: range, township, section.....	
Range, township, section line: protracted.....	
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.....	
Ruin; cliff dwelling.....	
Geopetal 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.....	
Orchard; vineyard.....	

A pamphlet describing topographic maps is available on request

INTERIOR—GEOLOGICAL SURVEY, RESTON, VIRGINIA—1981

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

SCALE 1:100 000
1 CENTIMETER ON THE MAP REPRESENTS 1 KILOMETER ON THE GROUND
CONTOUR INTERVAL 20 METERS

1000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 METERS
1000 0 5000 10000 15000 20000 25000 30000 35000 40000 45000 50000 55000 60000 65000 70000 FEET

BOWMAN, NORTH DAKOTA
N4600—W10300/30X60

RETURN TO:
USGS NHD HISTORICAL MAP ARCHIVES

1981